

SPRAGUE®

THE MARK OF RELIABILITY

JANUARY-FEBRUARY 1967

LOG

R. C. Sprague, Jr. Elected A Director Of American Mutual

**Robert C. Sprague, Jr.**

Robert C. Sprague, Jr., Senior Vice President, Corporate Relations, was recently elected to the Board of Directors of the American Mutual Liability Insurance Company.

Mr. Sprague, Jr. has been a Director of Sprague Electric since January 12, 1953 and is a Past Director of Electronic Industries Association, Past Director of National Business Aircraft Association and Past Director of New England Council.

Lowry Appointed General Attorney



The appointment of John S. Lowry as General Attorney was announced by Robert E. Kelley, Senior Vice President, Legal.

Mr. Lowry has been associated with the Sprague Electric Company since September, 1963, serving as Assistant General Counsel. Prior to this time, Mr. Lowry was in private law practice.

Mr. Lowry is a graduate of Harvard College and the University of Michigan Law School and is admitted to practice in Massachusetts and Michigan. He is a member of a number of legal bar associations and societies.

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Quarterly Dividend

On February 6 Directors of the Sprague Electric Company declared a quarterly dividend of 30 cents per share on the Company's common stock, payable on March 13 to stockholders of record at the close of business on February 17, it was announced by Robert C. Sprague, Chairman of the Board and Chief Executive Officer.

The Directors also voted to recommend that the stockholders, at the annual meeting to be held on March 31, 1967, act to further increase the authorized capital stock of the Company to 6,000,000 shares with a par value of \$1.25, and to split the outstanding stock 2-for-1 through the issuance of one additional share for each share presently outstanding.

"This step is advisable in the judgment of the Directors", Mr. Sprague stated, "in view of the substantially increased volume of trading on the New York Stock Exchange in the Company's stock since it was listed last November 21 and the relatively small number of shares presently available."

Mr. Sprague added that it is the present intention of the Board, if the stock split is approved, to discontinue the 2% stock dividend paid annually in December for each of the last eight years. The Board also intends to consider, at its meeting on May 15, 1967, whether or not a modest increase should be made in the cash dividend to be paid in respect to the new shares.

R. C. Sprague Reviews Electronics' Industry Sales For '66 and Discusses Outlook For '67

At this time a year ago, it had become evident that 1966 would be a very good year for the electronics industry, with total factory sales exceeding \$18 billion according to most forecasts at that time. Although the final figures are not all in as yet, it now appears that actual sales will amount to \$19.4 billion, for a gain of 12% over the 1965 level of \$17.3 billion. This is the largest increase our industry has recorded since 1962, and it might well have been even greater but for limited capacity, in terms of both facilities and labor, in several segments of the industry, notably TV sets and components. Nevertheless, sales and profits for most electronic equipment and component producers were at record levels.

CONSUMER PRODUCTS LEAD

Although the acceleration of military electronics procurement in response to the needs in Viet Nam was responsible for the first significant increase in Government products sales in several years, the consumer segment continued to lead the parade. Consumer products shipments at factory prices reached \$4.5 billion, or 22% greater than the \$3.7 billion figure in 1965. Industrial products increased about 16%, while Government products were up 7%.

As expected, television sets, especially color TV, were again the leader in the consumer field. Total sales of U.S.-made sets came to about 12,400,000 compared to 11,102,000 in 1965. Shipments of color TV were about 4,835,000 against 2,694,000 the previous year, but even this substantial number was some 10% below earlier forecasts. In the early months of the year, color tube capacity was a limiting factor, while in the second half many set makers found themselves short of sufficient labor to attain hoped-for production levels. Certain types of key components for TV sets were also in short supply. Despite

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Two Wichita Falls Educators Tour McCann School to Observe the Technical Program



William Saulnier (second left), McCann student, explains IBM computer used in electronics department to (left to right) Dr. James Casey, Semiconductor Material Department Head and Chairman of the McCann School Committee; Dr. Joe B. McNeil and G. H. Kirby, Wichita Falls educators; and Courtney W. Flanders, Manager of Corporate Training.

Two Wichita Falls, Texas educators, Dr. Joe B. McNeil, Superintendent of Schools and G. H. Kirby, Business Manager, were guests of the Sprague Electric Company on February 15. Their primary objective was a visit to McCann Vocational - Technical High School to observe the school and review the training program. Similar facilities are presently under consideration for Wichita Falls.

Prior to visiting the school Dr. Mc-

Niel and Mr. Kirby were greeted by Robert C. Sprague, Chairman of the Board and Chief Executive Officer, and Ernest L. Ward, President. Both stressed the Company's need for trained technicians in the electrical and mechanical field - a need which can be supplied by graduates of a technical school similar to McCann.

Mr. Ward noted that production planned for the Sprague Electric Wichita Falls operation would require a substantial number of technicians as assistants to graduate engineers. Mr. Ward also stressed the need for post high school level training similar to the program between Sprague Electric and North Adams State College.

Peter Cardillo, Assistant Director at McCann, conducted the visitors on a tour of the various departments in the school. He pointed out actual projects by the students in their day-to-day shop activities. In most areas the students spend one week in the shop and the alternate week in classroom work. The close coordination of studies and shop has proven most advantageous for the pupils.

Dr. McNeil and Mr. Kirby also visited the Sprague Electric Research and Development Center during the day. Dr. Frederick M. Fowkes, Director of Research, conducted them on a brief tour and described the work being done in various areas.

The visit to Sprague Electric was arranged by Courtney W. Flanders, Manager of Corporate Training, following a similar visit to Wichita Falls last November by James R. Westall, Director of McCann School, and Mr. Flanders.

Freedom to Choose - - Essential

What is the role of the individual in today's planned society? Is his function merely to fit a preplanned slot in the economic model - or is he free to fulfill some aspirations he himself chooses?

These questions recently were raised by Dean Charles C. Abbott of the University of Virginia Graduate School of Business Administration.

Dean Abbott asks: "If we do have the basis for an economically planned society - what kind of society should it be?"

Would there be a place in the planned society for the frontiersman of 200 years ago? Would the Mormons be allowed? What would the role assigned to the '49ers, the plantation builders, the cowboys or wildcat oil drillers? Would there be a slot for the Henry Fords or the Wright brothers, or would they be confined to activities defined by an economic planning committee that channels effort only into those projects with proven usefulness?

Taking the present-day planning situation as an indication, a candid answer has to be - *probably not*. A planned society could neither permit such groups, or accommodate them within a preconceived plan.

How would a planned society motivate the du Ponts, the Daniel Boones, the Billy Sundays? In all probability these turbulent boatrockers would not be allowed.

Could any group of planners conceive and operate New York City? Compare the Post Office and its annual deficit with the privately owned and operated telephone system, paying a profit to its thousands of investors.

This is not to say that a society based on individual freedom and initiative is not without its faults; but, as Dean Abbott succinctly summed up in his remarks, reprinted in the Chamber of Commerce of the United States' *Washington Report*:

"Freedom to choose is the essential freedom, whether in politics, religion, management of one's personal affairs or the market place."

When we lose the freedom to choose - we have lost America.

A Better Way To Build Together

The foremost problem confronting not only the businessman but everyone in America today is the continuation of our economic system which has served all segments of society and has served them well. There are three things we must do.

First, we must protect the right to make a profit. It is almost unbelievable that we should have to defend the right to make a profit. We have seen our nation attain new heights of achievement under our free enterprise, profit-motivated economic system; and we have seen socialist and communistic societies flounder and fail. Yet, there are those who sincerely believe that profit only promotes greed and special position for the few; that all would be well in America if we could just get rid of those who are out for a profit.

Profit is the basic motivator in industry. In addition to paying taxes and financing a tremendous variety of civic and social programs, it creates jobs, pays salaries, builds plants and even finances whole new industries.

The second thing we must do to maintain our economic system is to protect the right to innovate. Automation is but one aspect of innovation; yet it is this word - automation - that scares many people.

The typewriter was considered a threat to those who wrote with pen and ink. It would be difficult to learn to run the "new gadget". The refrigerator was a threat to the iceman, also. We rarely see anyone nowadays carrying heavy blocks of ice.

We do, however, see thousands of people manufacturing refrigerators and typewriters, selling them, and repairing them - and millions using them.

Examples of this sort could be cited by the hour. Automation and innovation provide efficiency in the form of reasonable prices and wider markets and are contributors to increased job opportunities. Protecting outmoded jobs and skills is not the way to provide needed job opportunities.

Recognizing that automation and innovation can bring hardship to the few, all of us - business, government and education - must do our share in helping these people by education and training.

Government is urging business to step up its training programs and upgrade its workers. Certainly we should do all we can to help people prepare themselves for useful work in our fast-changing society.

If, however, we keep workers where they are not needed, we take away the individual's dignity; and equally important, we deny society whatever skills and abilities he has to offer.

Finally, there is a third thing we must do to maintain our economic system. We must protect the right to price according to market reality.

The consumer - and the nation - is best served when the prices are determined in the marketplace; when all various market forces of supply and demand interact. We have to make people realize that prices must be related to the broad patterns by which the nation produces, distributes, and uses goods and services.

As long as we operate on the basis of supply and demand, our economy will continue to enjoy the benefits of free, competitive marketing.

Industrial Relations Managers Assigned To Each of Four North Adams Plants



F. Gallagher

R. Gilmore

M. Hughes

L. Reynolds

The appointment of an Industrial Relations Manager for each of the four North Adams Plants was recently announced by Kenneth S. Brown, Area Industrial Relations Manager. Frederick P. Gallagher heads Brown Street Industrial Relations and Loren J. Reynolds is in charge of the Beaver Street program. Following an indoctrination and training period, Robert L. Gilmore will supervise the Union Street IR activities and Martin W. Hughes will be responsible for Marshall Street Industrial Relations.

In addition to the Industrial Relations Managers, Mr. Brown also announced the promotion of Mrs. Jennie Thompson to the position of Insurance Supervisor. She will be responsible for the administration of the hourly pension plan and the group life and hospital plans for all North Adams employees.

All four men are new to Sprague Electric. Prior to joining the Company, Mr. Gallagher was associated with Flight Safety, Inc., New York City, as director of Training. A native of Brooklyn, New York, he attended NYC Community College and in 1960 graduated from New York University. From 1959 until 1965 he was employed by Pan American as a pilot scheduler.

Mr. Gallagher is a U.S. Army veteran, and served in Shop Supply Ordnance in Germany.

Mr. Gilmore is a native of Williamsport, Pennsylvania and a graduate of Temple University, Philadelphia, Pennsylvania. Prior to joining Sprague Electric he was employed by the United Parcel Service, Landover, Maryland as Personnel Manager.

A U. S. Army veteran, Mr. Gilmore was discharged in 1958 as a 1st Lieutenant. He has been active in the Boy Scouts and the "Y" Indian Guides and in addition is a member of the Fraternal Order of Masons and the Lion's Club.

Mr. Hughes is a native of Youngstown, Ohio and a graduate of Youngstown University. He has also done graduate work at Western Reserve

University, Cleveland, Ohio.

Prior to joining Sprague Electric, Mr. Hughes served as Personnel Manager of United Engineering and Foundry Company, Pittsburgh, Pennsylvania. He also was employed by Procter and Gamble, Cincinnati, Ohio and Youngstown Sheet and Tube Company.

Mr. Hughes is a member of the Pittsburgh Personnel Association, the Fraternal Order of Masons and Sigma Alpha Epsilon fraternity.

Mr. Reynolds is a native of Meriden, Connecticut and a graduate of Cheshire Academy, Cheshire, Connecticut. From 1959 to 1966 he was employed by Pratt & Whitney Aircraft, Hartford, Connecticut as a personnel analyst. In June 1966, he received his B.S. degree in Business Administration from Quinnipiac College, Hamden, Connecticut where he was class valedictorian and was awarded the "President's Prize". Following

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A. F. Munster Joins Semiconductor Group

Alfred F. Munster, Jr. has joined the Sprague Electric Company Semiconductor Division in Worcester, Massachusetts as Manager, Headquarters Sales, it was announced by Albert B. Dall, Marketing Manager.

Mr. Munster was formerly with Texas Instruments, Inc., Dallas, where he was a specialist in the marketing of integrated circuits. Prior to that, he was connected with the General Electric Company at Fort Wayne, Indiana in various marketing and engineering posts.

He is an alumnus of Texas Agricultural and Mechanical College from which he received the B.S. degree in Mechanical and Management Engineering.

Mr. Munster served as a Captain in the U.S. Army Ordnance Corps. Mr. Munster, his wife, Loes, and daughter, Christel, are making their home in Marlboro, Massachusetts.

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Hollis R. Wagstaff Retires As Vice President - Fiscal

Hollis R. Wagstaff, Vice President, Fiscal, retired on December 31, 1966. He joined Sprague Electric in 1953 as Assistant Treasurer and in 1960 was named a Vice President.

For 10 years prior to joining Sprague Electric, Mr. Wagstaff was associated with Patterson, Teele and Dennis, the Company's auditors. His extensive knowledge of Sprague Electric affairs, and his skill as a professional accountant, have contributed greatly to the sound financial development of the Company.

A graduate of Vannain Accounting Institute, Mr. Wagstaff was employed by F. W. Lafrentz, of New York, as a Certified Public Accountant for 17 years, and at one time was President and Director of the Seaboard Packing Company.

Mr. Wagstaff is a member of the Boston Chapter of the National Association of Cost Accountants.

L. Podolsky Retires After 28 Yrs. Service

Leon Podolsky, Technical Assistant to the President and a 28-year Sprague Electric employee, retired on January 1. He will, however, continue as a consultant to the Company on a part-time basis and will continue to represent Sprague Electric Industries Association activities and in standards matters, where he has achieved an international reputation.

Mr. Podolsky, a native of Philadelphia, Pennsylvania and a graduate of Drexel Institute of Technology, has had a varied scientific and business career and has for many years been a consultant to various military agencies. He has represented the United States at international electronics' conferences on several occasions.

Following World War II Mr. Podolsky was honored by the Armed Forces for his outstanding service and in 1957 received the Gold Plaque Award, given jointly by the Institute of Radio Engineers and the EIA for outstanding contribution to the industry that year.

Mr. Podolsky is the inventor of many outstanding resistor and capacitor designs. He holds 10 patents assigned to Sprague Electric Company and numerous more in other areas of electronics.

LICENSING AGREEMENT

Sprague Electric Company has entered into a non-exclusive patent cross licensing agreement with Fairchild Camera and Instrument Corporation of New York.

Under the agreement, Sprague Electric and Fairchild are licensed to use each other's patents in the design and fabrication of semiconductor devices including integrated circuits, transistors, etc. The patents covered include the Fairchild Planar Process patents as well as Sprague's basic Lehovet patent on integrated circuits. The agreement involves payments to Fairchild of an undisclosed amount.

Chielens To Head Sprague Electromag



Announcement of the appointment of Jean-Claude Chielens as Manager of the Sprague Electromag plant at Renaix, Belgium was made by Gerard V. Tremblay, President, Sprague World Trade Corporation. Mr. Chielens was previously employed by the Belgian firm of Usines G. Boel, Division of Trebos, where he had been Technical Director of their Wire Forming and Drawing Plant for the past 14½ years. He has a graduate degree in Chemistry from the University of Brussels.

Prior to joining Usines G. Boel, he was with Gulf Oil of Belgium for three years in the production of transformer and turbine oils. His experience also includes cracking of hydrocarbons

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Bergeron, Mannheim & Mulcahy Promoted To Superintendents At Beaver Street



Alfred Bergeron



Daniel Mannheim



Charles Mulcahy

The appointment of three superintendents for the Beaver Street Plant was recently announced by John M. Puppulo, Plant Manager. They are: Alfred Bergeron, Daniel Mannheim and Charles Mulcahy. Mr. Bergeron's responsibilities in-

clude Paper Rolling, Miscellaneous Assembly and Shipping, and PTM and PTF Test and Finish. Mr. Mannheim is in charge of all Metalizing and Impregnation; and Mr. Mulcahy has responsibility for PTF and PTM Assembly, the High Reliability line and Film Products.

General McLernon Visits Worcester

Worcester was host to two distinguished visitors on Wednesday, February 1, when Brigadier General R. J. McLernon and Col. W. L. Sims of the Defense Electronic Supply Agency, Dayton, Ohio toured the new Sprague facility at 115 Northeast Cutoff.

Their visit followed a flight by Air Force jet to Albany and a day viewing our North Adams plants.

The guests were escorted by Carroll G. Killen, Vice President-Industrial and Military Sales, for the trip in a Sprague aircraft from North Adams to Worcester airport where they were met by Robert Jay of Marketing.

The party was welcomed at the plant by H. Kenneth Ishler, Vice President of the Semiconductor Division, and John D. Husher, Manager of Planar Devices. A slide presentation of Sprague products and a discussion of Sprague plans for participation in the military integrated circuit business preceded an inspection of our manufacturing facilities and lunch. Our guests are reported to have been favorably impressed.

Mr. Bergeron has 34 years of service with Sprague Electric. A native of North Adams, he joined the Company shortly after graduation from high school. Prior to his recent promotion he was a General Foreman.

Mr. Bergeron and his family make their home in Williamstown.

Mr. Mannheim was born in Brooklyn, New York and is a graduate of the University of Connecticut. Studying under co-sponsorship he received his master's degree from the University of Massachusetts Extension School, Pittsfield in 1966. Mr. Mannheim joined Sprague Electric in 1955 and was employed in the Engineering Department for several years.

He is a member of the American Chemical Society and he and his family reside in Adams, Massachusetts.

Mr. Mulcahy is a native of North Adams and attended local schools. He joined Sprague Electric in 1946 and has been employed in various capacities including Group Leader, Foreman and General Foreman.

He served in the U. S. Navy for 4½ years during World War II and saw action in both the Atlantic and Pacific theatres.



Brigadier General R. J. McLernon was greeted upon arrival at Worcester by H. Kenneth Ishler (center), Vice President Semiconductor Division and John D. Husher, Manager, Planar Devices. The General was accompanied by Colonel W. L. Sims.



Brigadier General McLernon (second left) replaced his military attire with a white coat while making a tour through the plant. Escorting him were H. Kenneth Ishler and Robert Jay, while Colonel W. L. Sims talked to John Husher (back to camera).

Retirement Party Honors Leon Pike; Had 34 Years of Service With Company



Mr. and Mrs. Pike with Fred Windover, Master of Ceremonies, raise their glasses in a toast at a retirement party given in Mr. Pike's honor at Taconic Park Restaurant on December 1.

Leon Pike, a 34-year veteran of Sprague Electric and longtime head of Cost Estimating, was honored at a retirement party held at Taconic Park Restaurant in Williamstown, on December 1.

About 150 friends, business associates and members of Mr. Pike's family gathered to pay tribute to him. Frederick Windover served as master of ceremonies for the evening and introduced several of Mr. Pike's associates who spoke briefly. Robert C. Sprague, Chairman of the Board and Chief Executive Officer, thanked Mr.

Pike for his contributions to the growth of the Company and reminisced about the changes which have taken place in the more than 30-year period.

A native of Livermore Falls, Maine, Mr. Pike was employed by General Electric Company as a Foreman prior to joining Sprague Electric. His first position with the Company was in Time Study and Job Evaluation. He later transferred to the Methods Department before assuming his Cost Estimating responsibilities.

Mr. & Mrs. Pike are residents of Pittsfield where they have been active in the activities of the Trinity Methodist Church for many years.

They are the parents of three children and fifteen grandchildren. Following the dinner, dancing was enjoyed.

Arlene Jeffers, of Cost Estimating, was in charge of arrangements.

William Scott Joins Wage & Salary Group



The appointment of William H. Scott as a Corporate Wage Analyst, Corporate Wage and Salary Administration, was announced by John D. Washburn, Corporate Director of Industrial Relations.

A native of Philadelphia, Pennsylvania, Mr. Scott graduated from Drexel Institute in 1961 with a B.S. degree in business administration. He has recently been working toward his master's degree at Western New England College.

Following graduation from college, Mr. Scott joined American Bosch Arma Corporation. He has been employed at both their Long Island and Springfield, Massachusetts operations where he was involved in wage and salary administration, industrial relations and recruiting.

Mr. Scott is a veteran of the U.S. Navy having served two years at Naval Air Station, Norfolk, Virginia.

Management Club Sponsors Scout Party

The Sprague Electric Management Club sponsored a Scouting Holiday Party at the McCann School, Tuesday, December 27, 1966 for all Northern Berkshire Scouts.

Benedict (Dick) Rosen of the Filter Division was General Chairman of the affair. The highlight of the party was the entertainment which featured a Magic Show and Indian Dances followed by refreshments for the 600 Cubs, Brownies, Boy Scouts and Girl Scouts who attended. Music was furnished by a band and dancing was enjoyed by the older children until 9:30.

The children were requested to bring a piece of serviceable clothing and a nickel to be donated to the "World Fellowship Fund". Over 200 pounds of clothing was collected and donated to the Salvation Army, and \$25 was contributed in money. This will be given to help the Scouts of other countries attend the 1967 World Jamboree in Idaho.

The Scouting Party gave many parents, along with the Scout Leaders and boys and girls, an opportunity to meet and to enjoy an evening of entertainment.

Mr. Sprague's Forecast

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all of this, however, dollar sales of color sets, at \$1.8 billion were almost double the 1965 figure of \$959,000,000.

SOME DECLINES

Black and white TV sets also fell somewhat below early expectations, having been only 7,565,000 or some 10% below the 1965 level of 8,409,000. Some of this decline was doubtless due to the decision of set makers to devote available facilities to color television production in light of capacity limitations. Dollar volume was down 15% to about \$758,000,000, as average factory value continued to drop, reflecting a larger proportion of inexpensive portable sets.

The radio business was somewhat mixed in 1966, with total sales of U.S.-made sets declining slightly to 23,100,000 from 23,849,000 the previous year. Home sets were up to 14,050,000 from 13,812,000, but auto radio sales were off approximately 10%, to 9,050,000 from 10,037,000. Home radio shipments at factory prices were about \$212,000,000, or identical with 1965, while auto radio shipments were about \$235,000,000 compared to \$248,000,000 a year earlier.

PHONOGRAPHS UP

Phonographs continued the steady year-to-year gains they have shown since 1961, with sales totaling approximately 6,400,000 against 6,130,000 in 1965. Dollar shipments came to about \$538,000,000, compared to \$505,000,000, as the average value increased slightly reflecting a larger portion of transistorized and other high-fidelity models. All other products in the consumer category, such as hi-fi components, tape recorders, electronic organs, etc. totalled some \$578,000,000, which was 12% above the figure for 1965.

1967 SIGNIFICANT

The outlook for the consumer segment in 1967 is for another significant gain, but probably not so large as that for 1966. Color TV should be up in dollars by about 50%, to \$2.5 - 2.6 billion, based on probable sales of 7.3 - 7.4 million sets, while monochrome sales will in all probability continue to decline as color becomes more freely available. I look for black-and-white set sales to be about 6,300,000, making the total for television 13,600,000, or 10% more than in 1966, with color accounting for more than half of all sets sold for the first time. In radio, I would expect sales of home sets to be off slightly to a little under 14,000,000, while auto radio sales may be down to 8,500,000 assuming that automobile production in 1967 is off 8-10% as many observers expect. Phonograph sales should be about 6,500,000, and other consumer products should again be higher. Putting all this together, dollar shipments for the consumer sector should be slightly over \$5 billion, for an increase of about 13% in 1967.

INDUSTRIAL ELECTRONICS

The growth rate in industrial electronics products continued at 16% for 1966, with total shipments amounting to \$4,825,000,000, compared to \$4,155,000,000 in 1965. Computers and data-processing equipment sales were up 23% to \$2.3 billion, as manu-

facturers continued to step up the rate of deliveries of the so-called "third generation" systems.

For 1967, I would look for further substantial increases in dollar volume, with a somewhat smaller percentage increase in the industrial market than in 1966, chiefly because the rate of computer deliveries has now reached a point that appears to be in balance with the ability of the suppliers of data processing equipment to provide the programming and systems assistance needed by the user. Altogether, I would look for total industrial electronics sales in 1967 of approximately \$5,430,000,000, for a 13% increase compared to 1966's 16% gain.

GOVERNMENT ELECTRONICS

In the government electronics market, total 1966 shipments are estimated by the Electronics Industries Association to have been \$9,460,000,000, compared to \$8,842,000,000 in 1965 on a calendar-year basis. Total Department of Defense spending in fiscal 1966 at \$54.4 billion (excluding military assistance) exceeded the planned expenditures by \$1.5 billion, and it is now widely recognized that the planned figure of \$56.6 billion in fiscal 1967 will be low by some 6-8 billion.

For the components manufacturer, 1966 was an unusually good year in terms of sales and profits, but it was also a frustrating year in that many companies found themselves unable to provide their customers with the quantities of components they would have liked to purchase. Total components shipments came to \$5.5 billion, an increase of 20% over 1965, while the increase for equipment was only 12%. Thus, components represented approximately 30% of the dollar value of all end equipment in our industry.

The best gains in the discrete component field were recorded by passive components, i.e. capacitors, resistors and inductors, shipments of which were about 29% ahead of 1965; total discrete active components, such as tubes, transistors, diodes, and so forth were up 23%, while electrochemical and miscellaneous components were probably up around 13%. In particular, some \$570 million worth of color TV picture tubes were produced, which is more than double 1965.

In integral circuit packages, continued progress was made in the application of microcircuits to a variety of industrial as well as military equipments, and output of silicon monolithic circuits more than tripled, from 9.5 million circuits in 1965 to more than 30 million. Despite the steadily declining average value per circuit shipped, dollar volume of monolithic circuits was approximately \$140 million, compared to \$79 million in 1965.

OUTLOOK GOOD

The outlook for the components industry in 1967, like that for electronic equipment, is good, but the rate of increase will in all probability be less than in 1965, especially in discrete active devices such as transistors and diodes, where increased use of integrated circuits and a continuation of the trend toward lower

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Concord News

Fourth Annual Benefit Show Underway SPRAGUE WELCOMES

The singers are hustling, the dancers are busting, the prop men are muscling and the director is rustling his papers as the wheels start to turn for the fourth year's Benefit Show put on by the Concord employees.

The theme for this show will be "The Roaring Twenties" with songs made popular in that era and other roaring twenties highlights such as a take-off on burlesque, etc. The popular black light numbers will be featured along with more comedy, dance and production type scenes interjected throughout the musical potpourri. Each year the show has gotten bigger and better. The first show, a talent show, had a cast of about 15 and played a one night performance to an audience of 900. A cast of sixty entertained a full house for the second year's show which was a minstrel titled "The Rainbow Minstrels". Last year the show went a full two

hours with intermission and played to full houses for two nights. The theme was "Showboat". All shows are made up entirely of Sprague employees and all profits are turned over to the Benefit Fund.

Rehearsals for this year's effort started in mid-January and will take place twice a week until dress rehearsal on the Friday before show time. Committees are presently working on costumes, props, sets, and advertising. It is felt by all that this year the "Roaring Twenties" will be the best to date, and the cast and crew of more than sixty people, although all amateurs, are enthusiastically going about their jobs with the zeal of old pros. As in the past three years, this show will be under the able direction of Andy Ansaldo. He will be assisted by a committee consisting of: Charlie Dean, Hector Emond, Frank Hou-

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Ronald A. Stevenson has joined the Semiconductor Purchasing Department as Materials Manager - Branch Plant, it was announced by Philip M. Alton, Director of Purchases.

Prior to joining the Sprague Electric Company, Mr. Stevenson was affiliated with the Semiconductor Division of the General Instrument Corporation of Woonsocket, Rhode Island as the Manager of Purchasing. From 1959 until 1965, he was the Purchasing Agent for the Sperry Rand Corporation Semiconductor Division in Norwalk, Connecticut.

He received an A.S. Degree in Business Administration from Mitchell College of New London, Connecticut in 1954. Additionally, he completed studies in Industrial Management at the University of Bridgeport, Bridgeport, Connecticut in 1957 and in Industrial Purchasing at New Haven College in 1964.

Mr. Stevenson is a member of the New England Purchasing Agents Association, a member of the Angle Tree Stone Rod and Gun Club in Attleboro, Massachusetts and President of the Eastern New England Brittany Spaniel Club, Inc. He also raises Brittany spaniel hunting dogs and holds the honor of having five



dual champions which is a United States record for an amateur. His oldest dog presently ranks third in the United States for the most number of field trial placements (or wins).

Mr. Stevenson is married to the former Dorothy Bowen of Stamford, Connecticut and is the father of three children - Ronald, Jr. 9, Gregory 7, and Kimberly 5.

David Prohaska joined the Sprague Electric Company at its Concord Plant in November 1966 as Product Marketing Specialist.

Mr. Prohaska, who is a native of East Chicago, Indiana, received a Bachelor of Science Degree, Electronics and Physics, from Purdue University in 1953. He also attended Southern Methodist University from 1963 to 1964, studying Business Management.

Prior to joining Sprague, Mr. Prohaska was the Product Marketing Manager, Silicon Transistors for the Semiconductor Division of General Instrument Corporation. Additionally, he was Senior Marketing Engineer with Sperry Semiconductor, Assistant Marketing Manager for the Rayflex Division of Phillips-Eckardt Electronic Corporation and Senior Marketing Engineer with Texas Instruments, Inc.

Mr. Prohaska is a member of the Lions Club and a member of Sigma Pi Sigma National Physics Honorary Fraternity.

He is married to the former Helen Shultz of Evanston, Illinois and is the father of two children - Julie Ann 6, and Scott 4.

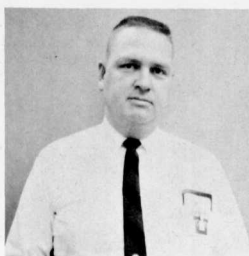


Clarence W. Camp joined the Sprague Electric Company at its Concord Branch in November of 1966 as Section Head of Equipment Design. In this capacity he reports to James Smith, Manager, Factory Engineering.

Prior to joining the Sprague Electric Company, Mr. Camp was Project Engineer for Elliott Industries and served in the capacity of Chief Test Engineer for the Anex Corporation. Previously he had been a Senior Engineer with Hesse Eastern Engineering and the General Electric Company.

Mr. Camp is a native of Flint, Michigan. He attended Massachusetts Institute of Technology from 1943 to 1945 and while attending Boston University from 1950 to 1952, he studied advanced AC-DC Theory and Physics. He is a Professional

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R. Foster Local QAR Mgr. Semiconductors

Rod Foster was promoted to Quality Assurance Manager of Concord Semiconductors in December of 1966. As QAR Manager, he will have as his responsibilities HYREL Processing, QAR Scheduling, the Life and Environmental Laboratory, Failure Analysis, Process Control, and Incoming Inspection. He will continue to report to D. H. Yeaton, Manager,

Continued on page 2A, col. 3

R. Mayo Compiles Etchplate Manual



Congratulations for a job well done are in order for Richard Mayo of Department 4763.

Mr. Mayo has been employed with Sprague Electric since

1959 at which time he was hired as an Etchplate Control Man. In 1960 Mr. Mayo was promoted to Etchplate Control Man "A" and in 1966 was promoted again to the classification of Senior Etchplate Technician. In his present classification Mr. Mayo has the responsibility of solving many of the complex problems that occur on this piece of equipment. He also is responsible for the training of new technicians on the Etchplate line.

Over the past seven years, Mr. Mayo has learned that there is much to be gained with experience on this particular piece of equipment.

Recently Mr. Mayo took the task upon himself of putting together a

Continued on page 7A, col. 3

Over \$2,000.00 Awarded By Suggestion Committee During Calendar Year 1966

The year 1966 proved to be a fruitful one for those employees who participated in our Suggestion System. There were a total of 141 suggestions submitted during the year. Forty-four employee suggestions were accepted by the Suggestion Committee representing a monetary distribution of \$2,168.50 to the participating Sprague Concord employees.

The average award for each suggestion accepted was roughly \$50.00 with the highest award being \$500.00.

There are thousands of possibilities in departments throughout Sprague Electric for alert employees to devise better and more economical means of performing manufacturing functions. The best qualified person, in most instances, is the person on the job each day. Let's make calendar year 1967 a big one. Look around in your area. What is your suggestion?

CREDIT UNION COMMITTEE OFFICERS AND FUNCTIONS

BOARD OF DIRECTORS

The Board of Directors are the administrative and governing body of the Credit Union. The Board is composed of seven members elected at the annual meeting for a period of three years. Officers are elected from the Board for one year terms. To serve as an officer you must be a member of the Board of Directors.

Monthly meetings are held to carry on business. Treasurer's reports, committee reports, and delinquency reports are read and reviewed with appropriate action taken as deemed necessary. New members are accepted, and regulations are made which are necessary to solve current problems or provide new services.

The Board must operate the Credit Union in such a manner as to protect the member's interest, provide service, and assure business will be operated in an efficient and orderly manner. Remember, YOU, the members, are the Credit Union.



The Board of Directors, consisting of seven members are: Seated left to right, J. Brouillet, H. Gould, A. Ansaldo, and standing L. to R., W. Boyd, and G. Mills. Absent are N. McWilliams and N. Connors.

EDUCATION COMMITTEE

The Education Committee of the Sprague Concord Credit Union is presently made of nine (9) people from various departments within the Company.

The group is headed by Committee Chairman Dave Emmons. Other members of the Committee include: Merrilyn Earle, Barbara Gibbs, Arlene Matulaitis, Elliott Clemons, Orvil Coleman, Phil Currier, Carroll Dodge, and Francis Kendall.

The primary function of the Education Committee is to increase membership in the Credit Union here at Concord and at the Plymouth plant.

Increased membership is brought about generally by a membership drive. Advertising and personal contacts are other methods of boosting the Credit Union enrollment.

Between the Concord and Plymouth plants with a potential of 1500 members, there is currently a membership of approximately 950. The ultimate goal of the Credit Union is 100% enrollment.



The members of the Education Committee are shown here. Standing, left to right, is D. Emmons, Chairman; C. Dodge, E. Clemons, P. Currier. Seated L. to R., M. Earle, B. Gibbs and A. Matulaitis. Absent are O. Coleman and F. Kindall.

SUPERVISORY COMMITTEE

by Paul Gaillard

The primary function of the Supervisory Committee is to make sure the affairs of the Credit Union are always in order. This is done by auditing the records periodically, spot checking accounts and bank reconciliations, checking bank accounts against ledgers, and watching out for the members interest.

Continued on Page 7A, Col. 2

Annual Benefit Show

Continued from page 1A

miel, Barbara Brown, John Genest, Carol Stebbins, Maggie Emmons, Dot Berwick, Bob Pratt, Bruce Luckenbach, June Sadowski, Jerry Schlehuber, and Jackie Benson.

All members of the cast and crew are volunteers and all work on the show is done on their own time. It is truly felt that this is one of the main reasons these shows have been so successful since they are doing this freely

and with true enthusiasm. The employees of Sprague have supported their co-working troupers all the way and, to be sure, without their support there could be no show.

The show will be presented at the Concord City Auditorium on April 15 & 16, 1967, at 8:00 p.m. Tickets will sell for one dollar. A full evening of songs, dances, comedy and novelty bits makes it a dollar well spent.

The pictures below depict some highlights from last year's production - "The Rainbow Minstrel."



Sprague's own Andy Lamere delights the audience with his antics.



Charlie Dean and Rhea Arsenault bang out a ballad.



Hector Emond and Maggie Emmons swing through one of their dance routines.



The whole cast joins in a blacklight production number.

R. Foster

Continued from page 1A

Semiconductor Quality Assurance and Reliability.

A native of Burlington, Vermont, Mr. Foster graduated from the Burlington High School and subsequently attended the University of Vermont from 1952 to 1957 where he studied Mechanical Engineering.

Since joining the Sprague Electric Company in August 1959 as a Supervisor, Rod has held positions as a Foreman and Department Head prior to his recent promotion.

Mr. Foster is married to the former Elizabeth Cofren of Warner, New Hampshire and is the father of two boys - Scott 8, and Douglas 5. The Foster family resides in Hopkinton, New Hampshire.

SPRAGUE WELCOMES (Continued)

Engineer in the state of Massachusetts.

Mr. Camp and his wife, the former Gail LaVie of Gloucester, Massa-

chusetts, make their home in Concord with their three children - April 20, Mark 18, and Melody 3.

Harold G. Riley, Jr. joined the Sprague Electric Company at the Concord Plant on January 1, 1967 as Cost Standards Section Head, reporting to John Crase, Corporate Manager of Cost Standards.

Mr. Riley is a native of Livermore Falls, Maine, and graduated from Bates College in 1951 with a Bachelor of Arts degree in Biology.

Mr. Riley comes to the Sprague Electric Company from the J. P. Stevens and Company of Franklin and Tilton where he was Plant Industrial Engineer from 1964 until December 1966. Prior to that he was the Plant Superintendent for the Record Foundry and Machine Company.

He is a member of the Industrial Management Club - Lakes Region Chapter and of the Jordan Ramsdell Scientific Society.

Mr. Riley makes his home in



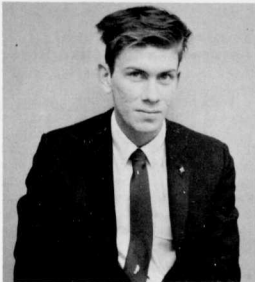
Laconia, New Hampshire with his wife, the former Marjorie Taylor of Birmingham, England, and their three sons, Gregory 14, James 11, and Michael 7.

John M. Harrington joined the Sprague Electric Company at its Concord Plant in October 1966 as a Reliability Engineer. In this capacity he reports to Kenneth Faylor, Manager, Transistor Division at Concord.

Mr. Harrington is a native of Westbrook, Maine. He received his Bachelor of Science Degree in Electrical Engineering from the University of Maine in Orono in 1964.

Upon graduation, he entered the United States Army for a period of two years. During this period he worked on the Corps of Engineers SECOR Project.

Mr. Harrington currently resides in Concord, New Hampshire.



John D. Newton began employment with the Sprague Electric Company, Concord Plant, on November 28, 1966 as a Methods Engineer reporting to Jim Smith, Manager, Factory Engineering.

Mr. Newton was born in Laconia, New Hampshire. He attended Wentworth Institute from 1949 to 1951 and from 1956 until 1959 he attended the University of New Hampshire where he received a Bachelor of Science degree in Agricultural Engineering. Mr. Newton is a registered Professional Engineer in the state of New Hampshire.

Before joining the Sprague Electric Company, Mr. Newton was employed by Eastern Air Devices of Dover, New Hampshire as Manager of Material Control. From 1959 to 1966, he worked for the Seeburg Corporation in Laconia in the capacity



of Chief Industrial Engineer.

Mr. Newton resides in Laconia with his wife, the former Patricia Collins also of Laconia, and their three children, John 14, Peter 11, and Janis 7.

EDITORIAL STAFF

Local Editor.....Frank R. Houmlel
Reporters

Sandra Baker, Cecile Boisvert, Virginia Bickford, Orval Coleman, Ann Cutting, Bernice Deno, Carroll Dodge, Hector Emond, Bob Fife, Barbara Gibbs, Jeanne Gingras, Norma Glover, Howard Hazletine, Dorothy Ineson, Barbara Joaquin, Albina Morse, Helen Paul, Lynne Preve, Esther Perron, Blanche Prescott, Pat Robichaud, Maureen Rogers, Janice Shepard, Nancy Verville, Pauline Wagner, and George Tetu.

Sports Reporters
Albert Sieradski and Carol Thornton

From Your Manager's

Desk



We are in the midst of changing times. Many of our programs have recently materialized and there are evidences of those in process all around us. The Compatible Components operation has been relocated at our Worcester facility and this area presently houses the assembly process for Epoxy Transistors. The Hermetic Seal activity is being enlarged and modernized to accommodate our production schedules, and to permit the manufacture of the more exotic hermetic packages required for specialty items. The addition to the Concord Plant is nearing completion. This construction will allow rearrangements of the facility which will, in turn, improve the work flow and supervision of our operations. New discrete devices to enhance our position in the marketplace will be developed, and the wheels have been set in motion to provide facilities and personnel to equip and staff this engineering function.

We have enjoyed some very successful growth in the production of Philco Electro-Chemical transistors. The technology used in their manufacture is such that consumer applications are not practical. The Epoxy Silicon Planar Assembly & Test Facility, purchased from General Electric and complemented by our own Batch Processing, is developing into the best Epoxy Transistor Facility in the United States. These Epoxy devices will permit our Marketing people to penetrate the consumer and industrial markets - encompassing such products as organs, radios, television and computers.

Since our total progress is a result of the joint efforts of all of us, our imminent growth in the field of microelectronics is assured by individual contributions, operational efficiency and the successful execution of our carefully planned programs. If even the smallest component part does not perform its function satisfactorily, the ultimate system will not operate in the prescribed manner and will possibly fail. We have planned our progress in this exciting age of electronics on the premise that each of our component parts, representing each of us, will perform the prescribed functions satisfactorily.

Charles Dean

Charles Dean Promoted to Maintenance Superintendent

Robert L. Parrish, General Manager of Tantalum Operations, and Kenneth Faylor, Plant Manager of Transistors, recently announced the promotion of Charles Dean to the position of Maintenance Superintendent.

Charlie, who is a long time employee of the Sprague Electric Company, joined Sprague in 1930 at North Adams as a Maintenance Man. He was later promoted to Foreman, then to Department Head and served in that capacity until 1955. After working for the Cornish Wire Company and L. DeMayo in Williamstown, Massachusetts for a total period of five years, Charlie assumed the responsibilities of Maintenance Foreman at the Concord Plant of Sprague Electric in 1960. He served in this



capacity until his recent promotion.

Mr. Dean was born in Bennington, Vermont, and received his schooling at the North Adams High School.

Charlie and his wife, the former Marian Newmann of Williamstown, Massachusetts, reside in Canterbury, New Hampshire.

Sprague Electric Company Scholarship

Sprague Electric Company Scholarship Funds were established to assist outstanding students in obtaining higher education. Annually a Concord scholarship is awarded on the basis of scholastic achievement, general all-round ability, leadership and the need for financial assistance. The scholarship awards a maximum of \$500.00 per year for four years and is restricted to qualified applicants who will major in a college course applicable to a career with a company similar to the Sprague Electric Company.

Don't forget - applications must be submitted to the Industrial Relations Manager no later than the first of May. More information and scholarship applications are available in the Industrial Relations Office.

- - DEPARTMENTAL NEWS - -

Transistor Production

by Maureen Rogers

Well, Winter will be over soon and I'm sure nobody will care too much except the skiers.

Cathy Cassin's son, Larry, was home on leave recently and will be on duty in Vietnam soon.

Lois West had as guest her daughter and husband, S/Sgt. & Mrs. Robert Knowlton. S/Sgt. Knowlton is serving with the Air Force in Oklahoma.

Anyone who wishes to try his hand at Archery may be interested in joining the Tahanto Bowmen of Concord. We have a 28 target field course in North Pembroke and facilities for shooting indoors at the YMCA. The State Male Tournament will start at the YMCA in February.

Instructions are also being given to first thru seventh grade students by members of the Tahanto Bowmen at the YMCA. Anyone interested in joining the Tahanto Bowmen, male and female, contact James Hawkins or Ronald Hughes.

I want to congratulate Dick Boyd on two events. First the birth of his new son, Michael Sherman, and second his promotion to Foreman in the new Transistor Department. Good luck in your new home, also, Dick.

A welcome to Gene Herrick as Group Leader on first shift.

There are a lot of new faces around the department. A welcome goes out to each and every one. Hope your stay is a long and happy one.

Industrial Relations

by Pat Robichaud

Spring is in the air! The cold weather, March winds and Easter will soon all be behind us and we can look forward to longer days and cool breezes.

Barbara Brown is still keeping tabs on Frank Houmiel. Or is he keeping tabs on her?

George Bateman's secretary is in the swing of things and getting ready for the overflow of vacation requests!

Ask Margaret Bennett about her husband's project in Bow and she refuses to comment.

Pat and Joe Robichaud are the happy parents of a baby boy (nope - not a pickle). His name is Christopher James.

Hear tell Ruth Martsolf is going to paper her walls with employee requisitions! Sounds rather dull.

Final Test

by Loretta Wright

We recently had a surprise baby shower for Helen Drew in the cafeteria. For awhile we didn't know who was more surprised, she or we. We had planned it for break in the afternoon but when she announced that she wasn't coming back to work after lunch, we had to hurry things and have it at break in the morning.



This is Robert Drapeau, Jr., former employee of Sprague and husband of Artina Drapeau of Dept. 4752.

It did turn out to be quite a surprise and she enjoyed all her lovely gifts. We all enjoyed the cake!

Donna Drole and Johnette Glover have been transferred to another department. We miss you both and hope you like your new jobs.

Ronnie Grossman and Bob Miner have been taking skiing lessons. I expected to see Ronnie limping in one of these days but was surprised to see Bob the victim. You should try to remember, Bob, "The ski pole belongs in the ground, not in your side!"

In addition to his skiing activities, Bob is also going to New Hampshire Technical Institute. Ronnie and I both miss him at the scales every morning now that he has taken over the pre-conditioning and the oven room. He tells me he was never officially welcomed to our department by this column, so we're glad to have you with us, Bob.

Frances Hodgkins and family are quite excited. They are expecting her mother and father to visit with them for five weeks. They are coming all the way from Ireland and are especially anxious to see their youngest grandson, Steven, whom they have never met. It should be a happy reunion for the whole family.

Paul Murdough is anxiously awaiting the arrival of his new Camaro. It will be here in plenty of time for the racing season, so get ready for some competition, boys!

We had two wedding anniversaries in January. Happy Anniversaries to

Mr. and Mrs. Duane Drew - 14 years on January 31, and to Mr. and Mrs. Ronald Filion - 12 years on January 18.

I guess that's all the news for this month. I was surprised a few minutes ago while I was writing this up. Don Anderson and his wife stopped to see us. They used to be our next door neighbors before moving to Maine. I'm sure you all remember Don from Time Study.

See you all next month!

Material Preparation

by Bob Fife

Bob Fife is your new reporter for Material Preparation and will keep you informed of the latest news in this department.

The department held its Christmas party at the Redwood Restaurant in Concord where a buffet dinner was enjoyed by all.

Material Preparation folks are pleased with the plant raise and by now have all recuperated from the New Year's weekend.

Over the long celebrated holidays, Edna Woodman finally mastered the art of making a Singapore Sling.

Congratulations go to Second Shift Department Head, Bob Poulin, who on January 3, 1967, became the proud father of twins, Beth Ann and Ross William, each weighing 7 lbs. 4 oz.

Congratulations also go to Jon

Beardsley on the arrival of a daughter. This is the Beardsley's first child.

Department Engineer, Don Sessions, has another boy, Peter Donald, who made his arrival on December 19, 1966. Congratulations, Don! This is the Session's fourth child.

There have been a few promotions in 4751. Merle Cressy has been promoted to Engineering Assistant and Bob Andrews to Process Technician.

Those from the department who are participating in courses at New Hampshire Technical Institute are Merle Cressy, Bob Fife, and George Hillsgrove. Mike Bobblis is taking two extension courses, one from RCA Institute and the other from the Air Force.

Phyllis Blanchette recently became engaged to Vincent Bame of Northwood.

Robert Beck of Third Shift was recently married to Diane Belik. Best of luck in the future!

Semiconductor Quality Assurance and Reliability

by Barbara Gibbs

Well, here's that old deadline again, and as usual after the holidays and with the January midwinter slump, I have no news. What your reporter had collected is now so long ago it is past history!! However, one of my first New Year's Resolutions was to do a better job this year on news-gathering, so here's looking ahead to the next deadline.

Hope everyone had wonderful holidays, and with best wishes for the New Year to all. See you next time.

Finishing

by Hector Emond, Jr.

Hello everyone! Here's the latest scoop!

Tim Young became the proud father of a baby girl on November 17. Her name - Dawn Ellen. Congratulations, Tim and Lorraine!

Helen Foley became a grandmother on December 3 when granddaughter, Karen Louise, was born. And likewise for Freda Presby whose grandson, Jeffrey George, was born on January 14. Freda's son, George, father of the baby, is in Vietnam.

Dean Lampron went to Travis Air Base in California in December on air evacuation training with the Reserves. He flew all over the Southwest, stopping here and there to see the sights, but that's all I could get out of him!

Tim Young went to the Tri-State 24-hour rally held in Portland, Maine on January 14 and 15. This sports car rally covered Maine, New Hampshire, Vermont, and Canada and over 700 miles! Tim participated in the race as did several other employees of Sprague. The results? I couldn't find out. Maybe you can!! See you next issue.



This little cowboy is James Wright, 5½ month old son of Jim Wright of Department 4766.



This is 5 month old Wayne Woo Corney, son of Nat Corney, Dept. 4763.

Hermetic Seal

by Bruce Luckenbach

First off, I would like to introduce myself. My name is Bruce Luckenbach and I'm Foreman of H.S.D. This is the first time that our department has had an entry in the LOG and we hope to be represented from now on. Since this is our first time, I would like to give some background on our department. First - what is H.S.D.? H is Hermetic, S is Seal, and D is Department. Our department makes the package that transistors, integrated circuits and microcircuits are encased in upon completion. These packages must be airtight, hence-hermetically sealed. We make quite a variety of round packs, better known as stems, and flatpacks. Our first pack was fused on July 7, 1963 and since that time we have produced in production quantity twelve types of stems used by the silicon area, germanium, SEPT and microcircuits. Not long after the stems were put into production, flatpacks were started and this has blossomed into a line of at least thirty different flatpacks. Many other types of stems and flatpacks have been made on an engineering scale and we hope soon to include more types into our line.

The department was officially started in March of 1963 with Dave Federschnieder heading up the operation. June Sadowski joined the department in June 1963 and assisted Dave in gearing the operation to a production standpoint. Since that time, Hermetic Seal has continued to grow and is presently waiting the completion of the new addition to the plant for our latest and biggest expansion. We hope that by the time this reaches the

press, we will be in the process of moving into the new area which should be late in February or the early part of March. During our build-up we have also added our own plating operation which is headed by Stu Parker. Stu joined us in February of 1965. Our first plating was done in small tanks squeezed in the back of our stem room in April of that year and our present plating area was initiated in December. The plating area is also included in the forthcoming build-up.

As we have grown and as our production requirements increased, more people have joined us. A familiar face to the Concord Plant and many people is that of Bob Dandy. Bob is our Production Manager and officially joined us in August 1966. Since no one in this department has been officially welcomed by virtue of the LOG, I would like to list the personnel in our organization. A belated welcome to the longtimers and a hearty hello to the newcomers.

Production Group

Bill Roberts Jeannette Chaput

Group Leader

Dick Winsor Cecile Plante

Group Leader

Bob Pratt Isabel Lund

Larry Stires Norma Andrus

Bob Ring Gert Nerbonne

Larry Martel Martha Cullen

Roger Laferte Eleanor Duford

Margaret Austin

Louise Towle Marge Moore

Madeline Cassidy

Emelia Martel Tina Drapeau

Vivian Lamontagne Aurora Desgranges

Joan Bernard

Pat Paige Bernice Everts

Priscilla Allaire Sharon Lowe

Heather Percy Annette Fishel

Judy Stevens Laurie McDonough

Edna Baron Sharon Hall

Carolyn Roberts Terry Cochran

Alice McCormick

Paulette Beauchesne

Myrtle Hilton Virginia Dennerly

Martha Emro

Engineering Group Office

June Sadowski Bill Baron

Phil Currier Dianne Dunsford

Gail West

Noel Parent

Carrie Addario is on leave of absence. We all wish her well and hope to see her back soon.

This department is growing at a fast rate and as I see it our future is very good. One note of interest (and this is bragging) we make one of the best flatpacks in the industry.

I would go on and on if I had time, but I am somewhat behind time getting this off to the pressroom. Next time around we will have more to say on a personal basis, such as who got married and who is celebrating anniversaries. Keep your faith, as we say in H.S.D. The difficult is easy, the impossible takes a little time.

Tantalum Q.A.R.

by Nancy Verville

Although Christmas is now well behind us, Al Roy is still wondering

who was the mischievous Santa who enjoyed dropping gifts on his desk. Sorry, Al, that information is not available at this or any other time.

Our Q.A.R. group had a party at the China Dragon on December 21. The food was excellent and we enjoyed exchanging gifts. Gerry Martel received some "Christmas Cheer". He invited us over to try some, but I don't think any of us did get to try it. Al Roy received a new watch which we may regret giving him as he no longer has any trouble checking on what time we come and go.

Wayne Hall will be joining the ranks of the married men in March. His fiancé, Lucile Heino, works for the transistor group. Best of luck to you both. We hope that your years together will be very happy.

When this issue is published, Carol Russell and I will be staying home enjoying what we hope is good Spring weather. Carol will be a mother for the first time at the end of March, and I will be repeating my performance in April. Carol, I hope you have what you want. Here's hoping I have just one!

Andy Andreottola has bought a new home in Epsom. Along with the house he also got a few chickens that are now paying off.

How come so quiet, Peggy and Ginny? Let's have some news from you two. Carol Thornton isn't saying too much either but we do get reports on their new house now and then. It won't be long before she starts recruiting help for moving. Everyone watch her!

Rick Morrill found out that there were some advantages to getting a bonus in January instead of December. While he goes around feeling pretty secure, the rest of us are caught up with winter expenses that manage to keep us - shall we say "insecure". Well, cheer up, it won't be long before we can see Spring coming along. Those of us who leave here at 5:00 p.m. can already notice signs of Spring. It's not totally dark when we leave now. It won't be too long before we actually see sunlight again.

Microcircuit

by Barbara Joaquin

Now that Christmas is past and New Year's is over with and most of the football games for the season have been played, we now can find time to relax and enjoy the outdoor sports that winter brings.

With Santa bringing many of us new skates, I have seen several members of the department skating with their families at White's Park. Take it easy fellows, the ice is awful hard when you land on it.

My four little girls are very happy this week. Our poodle had four puppies. We can't wait until they open their eyes and start running around!

A collection of furniture and clothing is being taken up at this time for



Philip Anderson is the son of Donna Anderson, Dept. 4651.

Carol Reed who was burned out of her apartment recently. We hope to collect enough to be of some help to Carol and her family.

Congratulations are in order for Mr. and Mrs. James Dennoncourt on their 10th wedding anniversary which was celebrated on February 16, 1967.

2nd Shift Tantalum

by Esther Perron

The holidays have come and gone. I hope everyone received everything they wanted for Christmas and had a very happy New Year!

Congratulations are in order for Henry and Marianne Bouchard who were married recently. Best of luck to them in the future.

We all missed Joe Greenough who was out on sick leave. Glad to have you back again, Joe.

We want to welcome to second shift Carl Billings, William Hackwell, and Archie Rheame. Hope you'll be with us for a while.

Congratulations are also in order for Arthur Rheame and June Phillips who have become engaged, and to James Brower on the birth of a son named Lloyd Kelsey, on November 18, 1966.

We also want to welcome Andre Villeneuve to our department and hope he stays with us for a long time.



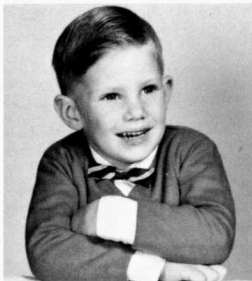
Lance made his Confirmation on December 2. He is the son of Phil McManus of Maintenance.



This is Jeffrey, grandson of Ellen West, Dept. 4783.



This is Andy Villeneuve who is on second shift in Dept. 4651.



Pictured above are the children of Maureen Rogers of Dept. 4763. They are from left to right, Jeffrey, Elaine, and Brian.



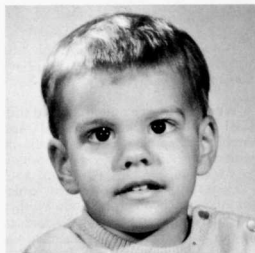
This is Andre Villeneuve's pretty wife, Theresa.



The lovely couple pictured above is Mr. and Mrs. Harvey Lang. Mrs. Lang is the former Sandra Lizotte of Dept. 4791. They were married on December 3, 1966.



Carol Stevens is the proud mother of this little boy, Robert, who is 17 months old.



Carl is the son of André Villeneuve.



This happy couple is Mr. and Mrs. Maurice Levertu who were married on October 15. She is the daughter of Tony Counter, Dept. 4791.



This is Natalie, daughter of Andre Villeneuve.



Robert West is the son of Ellen West, Dept. 4783.



This cute little girl is Coreena Remick, granddaughter of Barbara Kendall, Dept. 4763.



This is little Pamela Jackson who is 14½ months old.

Credit Union Committee

Continued from page 2A

This committee also checks to see that bylaws are being properly executed and the rules and regulations of the Credit Union are being observed. Any member of this Committee is available to aid all members desiring assistance with problems they may have or questions they wish answered. It is a rewarding duty to report to the members of our Credit Union that its affairs are in order and the conscientious efforts of the Board of Directors, the Treasurer, our Clerk and Bookkeeper are what keep it in this manner.



Laura Berard, Secretary of the Supervisory Committee, is shown here with Chairman Paul Gaillard and John Genest.

CREDIT COMMITTEE

The Credit Committee, composed of three members, must pass on all loans made by the Credit Union with the exception of cash secured loans not exceeding 80 percent of a member's share balance. They meet weekly, and each loan must be approved unanimously by those members present. Two members present at a meeting are required to approve a loan.

The Committee must exercise judgment and discretion and will investigate credit history in granting a loan. The loan limits and conditions of security are determined by the Board of Directors, but the Committee has sole discretion to loan or not to loan.

The Credit Union grants personal, signature and co-signed loans, appliance loans, and motor vehicle loans as cash for loans is available. When surplus cash is low, the motor vehicle loan class is suspended and preference is given to the personal loan.



George Bateman, Chairman of the Credit Committee, is shown here with Charlie Dean, Secretary.

YES! IT BELONGS TO YOU

Yes, your Credit Union belongs to you. Everyone who belongs to the Credit Union, for that matter, owns part of a good sound business.

The Credit Union is an employee run organization. In other words, it is employees helping employees.

A Credit Union member is offered a number of excellent opportunities. In fact any employee can enjoy Credit Union services by joining.

All of the services offered by the Credit Union, such as personal loans, auto loans and savings accounts, are protected by insurance and state banking regulations.

The member can save for many things: that June wedding, Christmas

shopping next year, property taxes, or a trip to the World's Exposition in Montreal.

You can draw from your savings account anytime you need to and have the money the same day.

A Credit Union member can borrow money confidently and quickly, and repay conveniently thru payroll deductions.

Why not become a business partner in the Credit Union? There are over 900 of us and we can't all be wrong. The Credit Union extends an invitation to come in and join today or come in and ask that question that has been bothering you.

Departmental News . . . Continued

Tantalum

by Virginia Bickford

Congratulations are in order for Gary Philbrick who has been promoted from Supervisor to Foreman.

We have three employees in our department who have been with us now for a while but their names have not been mentioned, so here they are: Cynthia Rule, Paul Venne, and Bob Morrill.

Cynthia (Cindy) became engaged at Christmas time to David Bailey. When is the big day, Cindy? She has a very pretty diamond.

John Johnson has left our Concord plant to work at the Sprague plant in Sanford, Maine.

Mary Labbe's family has increased to four - pups that is!

Rena Preve also has an addition in her family, a son-in-law. Congratulations to daughter, Barbara.

Madeline Matson has a new granddaughter born on Christmas day to her son, Tommy and his wife, Shelia. They have named the baby Lisa Marie.

Margie Weydemann's husband brought her a new dishwasher for Christmas. And for a very good reason we hear - He is always the one to get stuck washing. So whose present was it, Margie?

Charlotte Lawrence and husband, Bob, enjoyed a couple of trips to Boston and saw the Ice Capades and Ice Follies.

Roberta Towle tried to get a sun-tan in January and made out pretty well except she forgot to turn the sun lamp off on time.

At this writing June Florence is planning a vacation trip to Florida

with her husband, Bob. Hope to have some interesting reports from her next time.

Process Control

by Dorothy Ineson

The holiday season has come and gone with everyone enjoying it immensely, but somewhat relieved the rush of shopping, gift wrapping, parties, etc., is over. The department enjoyed a Christmas party at the Redwood with all three shifts. Now the skiing enthusiasts are looking forward in anticipation to more snow and plenty of it, while the rest of us anxiously await Spring and the sight of the first robin.

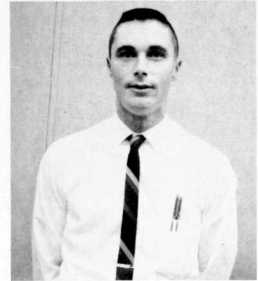
Many changes have taken place in our department; Bob Bouchard has left to be in glass blowing, Fern Smith has left to be in production, and Imogene Goldwaite has gone to the Lab. We wish them the best of luck on their new jobs. We welcome Ellsworth Edmonds into our department and also Gwendolyn Herreck who joins us from second shift. Linda Presby is on leave awaiting the blessed event.

Beverly Frawley is building a new home and from all reports it is now progressing rapidly.

Marsha J. Reed is engaged to James R. Carrier and they plan to wed on April 15, 1967. Our best wishes to you both.

Beverly Frawley's six year old son was going on a trip with his grandparents and when asked if he needed some change he replied, "No, but you can write a check."

G. Philbrick Named Tantalum Foreman



Gary L. Philbrick was recently promoted to Foreman of the Pellet Preparation Department reporting to John Phillips, Superintendent of Tantalum Production.

Gary, a native of Pittsfield, is a graduate of Pittsfield High School, Pittsfield, New Hampshire.

He joined the Concord Plant of the Sprague Electric Company nine years ago as a vacuum furnace operator. From January 1959 until his recent promotion, he was a Group Leader in the Tantalum Department.

Gary is married to the former Dorothy Lank of Barnstead, New Hampshire, and is the father of two children, Ricky 8 and Martha 7.

Training Manual

Continued from page 1A

training manual for the Etchplate line to enable new technicians as well as others to take advantage of the things he has learned by experience over the years.

The manual contains many pages of Mr. Mayo's own writing as well as some pages from the technical manual for this piece of equipment which he rewrote into a more suitable form for training purposes. The manual also contains many diagrams and illustrations to help the new technicians in trouble shooting this complex piece of equipment.

The manual has proved itself valuable in the short time it has been in use, and I feel will prove itself more valuable as time goes on.

Again I would like to say "Congratulations to Mr. Mayo on a job well done".

REMINDER
PLEASE OBSERVE
PARKING LOT

RULES AND REGULATIONS

... SPRAGUE SPORTS REVIEW ...

MIXED CANDLE PIN BOWLING LEAGUE

by Carol Thornton

As many of you know, this year Sprague has a mixed Candle Pin Bowling League. The League started September 14, 1966, with the following players and officers: President - Carol Thornton; Secretary - Rita Nedeau; and Treasurer - Carol Merrill.

Team number one calls themselves the Dubbers. Captain is Robert Locke and team mates are Rita Nedeau, Norm Giles, June Sargent, and Marie Gaskell. June and Marie have never bowled on a league before, but you should see them bowl now!

Team number two is known as the Strikers. Captain is Howard Woodman and his players are Rod Spaulding, Cheryl Newman, Jean Milo, and Earl Flanders.

I tried to get Woody to call his team the Woody Wood Players, but he named them correctly - they took the first half.

Clayton Longever is the captain of team number three. This team had a rough time getting started but this second half has really proven that they are the Lucky Five. On the team with Clayton are Mike Gross, Jerry Stokes, Cynthia Rule, and Delores Cooper.

The Professors are team number four with Ed Newman as the Captain. We have three Carols on this team and sometimes it gets mighty confusing. They are Carroll Dodge, Carol Merrill, Carol Thornton, and Sylvia Lodge.

The high scorers for both men and women are as follows:

At this time Carol Thornton and Robert Locke are high for high single, high triple, and high average.

Norm Giles has second high single with a 128 for the men, and Delores Cooper is second for the women with 107. Delores is also second for the women's high average. Howard Woodman is second for the men with an average of 90. Cynthia Rule has the second high triple and she can really throw a mean ball. Earl Flanders is another one who doesn't show the pins any mercy.

If anyone is interested in being a substitute on the League, please contact any of the team captains or officers. Thank you.

See you next issue!

WOMEN'S CANDLE PIN BOWLING LEAGUE

by Albina Morse

After the first half of bowling the teams' standings are as follows: First place team was Team Four, Captain - Maggie Dow, players Albina Morse, Ann Towle, Barb Holmes, and Sandy Lindquist. Second place team was Team Two, Captain-Pearl Villeneuve, players Sandy Auprey, Carol Stebbins, Pat Marden and Susan Supry.

The girls who have individual high strings are Maggie Dow with 310, Edna Baron 305, and Pearl Villeneuve with 301. Sandy Lindquist has the high single with 120, Ann Towle and Dot Dunsford are second with 114. Edna Baron has high average of 90, Pearl Villeneuve and Maggie Dow are second with an average of 88.

Good luck to all teams in this half.

Granite State Rifle League

The Granite State Rifle League held a meet on January 17, 1967, at which the Pioneer Sportsman's Small Bore Rifle Team defeated the Piscataqua Rifle Team by the score of 1534 to 1531.

The Pioneer Team is comprised of Orval Coleman, George Estabrook, Eliot Clemons and Thomas Mansfield from New Boston.

This inglorious defeat was the first one suffered by the Piscataqua Team this year.

Wild About Sports

Do you like baseball?

If you do, you're a baseball fan. But years ago, those who followed the demons of the diamond were called "fanatics".

In recent years, the term has been reduced to fan. Now you can be any kind of a sports fanatic - that is - fan.

"Heard your boy made the football team this year. What position does he play?"

"I'm not certain," replied the proud mother, "but I think he's called a drawback."

BASKETBALL LEAGUE

The 1966-67 Sprague Electric Basketball Squad is one of six entered in the Industrial League this year. Although the team is off to a slow start with two wins and three losses, it ought to prove to be an interesting season.

This year's team is managed by John Genest and co-captains are Jim Hawkins and Tom Plante. Al Roy, Jack Boyd, Dennis Steward, Ron Peloquin, Dick Zinn, Tom Smith, Ed Densmore, Wayne Hall, Bruce Grey, Paul Huckens, and Bob Minor make up the remainder of the squad.

To date, we have lost to United Life 113 to 51, to Patsy's 40 to 38, and to Rumford Press 75 to 68 with our victories being over Blue Cross 54 to 46 and Southern New Hampshire Typesetting 74 to 67.

Below are some shots of the game with Rumford Press.



Rumford 75 -- Sprague 68.

MEN'S TEN PIN LEAGUE

The first third of the 1966-67 Ten Pin Bowling Season finished with the Chem. Prep. team, composed of Tom Plante, Captain; Art O'Cone, Ken Davis, Len Burritt and Bob Collette, taking first place honors with a second of 28 wins and 12 losses. The S. L. Five Team captained by George Relf with Tom Howe, Jim Hawkins, Ken Crosby and Dean Lampron placed second with 26 wins and 14 losses and the Road Runners composed of John Genest, Captain; Charlie Dean, Paul Reed, Herm Roy and Andy Ansaldo placed third with 26 wins and 15 losses.


Currently in first place for the second third is Team No. 8 captained by Dick Jewell with Sheldon Shibbes, Donald Ross, Emerson Densmore and Bob Miner. Their record is 22 wins and 10 losses.

Other individual honors to date are as follows:

High Triple:	
A. O'Cone	624
F. Houmiel	618
B. Pratt	614
High Single	
F. Houmiel	240
K. Faylor	239
B. Pratt	237
High Average	
A. O'Cone	183
B. Pratt	180
R. Morin	167



R. Locke puts a strike on the board.



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... NASHUA NEWS ...

61 SUGGESTION AWARD WINNERS SHARE OVER \$4500 FOR 1966

The Nashua Suggestion System enjoyed its most successful year in 1966. A total of 127 suggestions were received of which 61 were accepted and awards given totaling \$4,500.45.

The largest awards of the year went to the following: Larry Bright received \$488.00; Joseph Latour received \$470.00; Wilfred LeBlanc received \$376.95; and James Baines received \$340.50.

A breakdown of award payments shows the following:

11 awards of \$ 15.00 \$ 165.00	1 award of \$125.00 \$125.00
31 awards of 25.00 775.00	1 award of 160.00 160.00
1 award of 35.00 35.00	1 award of 190.00 190.00
1 award of 50.00 50.00	1 award of 195.00 195.00
1 award of 55.00 55.00	1 award of 260.00 260.00
2 awards of 60.00 120.00	1 award of 340.50 340.50
1 award of 66.00 66.00	1 award of 375.00 375.00
1 award of 69.00 69.00	1 award of 376.95 376.95
1 award of 85.00 85.00	1 award of 470.00 470.00
1 award of 100.00 100.00	1 award of 488.00 488.00

A further analysis of the figures shows that 48 per cent of suggestions submitted were accepted for an average award of \$73.77.

Members of the Suggestion Committee extend congratulations to all who received awards during 1966.

NASHUA WELCOMES



Mark Brook, new Senior Manufacturing Engineer in the Resistor Department, came to us from the Ametek Corporation of South Portland, Maine.

Mr. Brook was born in Lynn, Massachusetts. He spent four years in the Air Force. After his discharge from the Service, Mark attended Tufts University for four years, and earned his B.A. Degree.

He is married to the former Leona Story, and they have four children. Two daughters, Crystal 21, and Melody 7, and two sons, Stephen 19, and Mark III.

Mark's hobbies consist of bowling, golf, metal and woodworking.

Mr. & Mrs. Brook and family reside in Hudson.



Francis Wang recently joined Sprague Electric Company as a Senior Engineer in the Resistor Division.

Mr. Wang was born in Kiangsu, China. He attended school there and earned his B.S. degree at Chang Kung University. While in China, Francis served as a Second Lieutenant in the Chinese Air Force

for two years.

He came to this country in 1961, and attended Rutgers University, where he received his Masters degree. He also received some credits from the Polytechnic Institute of Brooklyn toward his Doctorate.

Francis is married to the former Yu Jen Ho, and they have three sons. They are making their home on Ferson Street, in Nashua.

Among his many hobbies, Frank enjoys Bridge, Ma-Jung and working in his home Lab.



Dr. Philip J. Duke, came to the Nashua plant from North Adams. He is a Senior Development Engineer in the R & E Lab.

Dr. Duke was born in Rotherham, England. He attended public schools in England, and in furthering his education, he received his BSc and PhD from the University of Sheffield, England. During the summer while he was in college, he worked in Glasgow, Scotland, Chesterfield and Rotherham, England. In 1962, shortly after receiving his PhD, he came to this country.

He has a variety of hobbies, some of which are horseback riding, model making and music.

Dr. & Mrs. Duke, the former Caroline Nielsen, make their home in New Boston, New Hampshire.

LONG SERVICE EMPLOYEES HONORED AT AWARD DINNER

Sprague Electric Company staged its annual service awards dinner at McNulty-Foley's to honor 163 members who have served 15 years, and 7 ten year employees.

Service awards for completing fifteen years of continuous service were presented to Juliette Antcil, Antosia Axton, C. Wesley Baker, Patricia Bankowski, Helen Banushevich, Germaine Barbour, Alma Belair, Lucile Belanger, Nellie Bello, Rita Bernard, Stella Bernier, Lila Berry, Alice Blanchard, Andrea Boissonault, Doris Boucher, Estelle Boucher, Pearl Boucher, Rita Bougie, Loretta Bouley, Maurice Bradley, Elinor Brinkman, Barbara Broderick, Norma Brousseau, Anna Burns, Noella Cassista, Clara Charest, Beatrice Chartier, Theresa Chasse, Theresa Dion, Anne Dobens, Helen Dolbeare, Helen Doyle, Rose Dube, Margaret Dupont, Florette Duquette, Irene Duval, Wanda Farland, Alice Foley, Yvonne Fontaine, Cecile Forcier and Loretta Forcier.

Also Walter Fortier, Clairina Fournier, Clara Fournier, Clara Gabriel, Annette Gagne, Muriel Gagnon, Rachel Gagnon, Rachel Gamache, Irene Gauthier, Rachel Gendron, Adeline Glenek, Mildred Goy, Gertrude Gott, Jeanne Goulet, Clayton Greenleaf, Constance Grigas, Cornelia Guy, Gabrielle Hagen, Agnes Harwood, Rita Hayward, Mildred Hennessey, Cecile Heroux, Jeannette Herrin, Sophie Hoag, Beverly Jensen, Gertrude Jodoin, Barbara Johnston, James Johnston, Celia Karczewski, Eva KilKelley, Mary Kissell, Gabrielle Koerner, Jeanne Labrie, Beatrice LaFontaine, Leona Lamb, Claire Lambert, Ernest Lambert, Estelle Lambert, Anne Landry, Aurore Lapointe, Elizabeth Laquerre, Monette LeBlanc, Mary

Legarsky, Josephine Lee, Lurena Lemery, Eva Levesque, Barbara Locke, Lucille Lozeau, and Ray MacDonald.

Also Jeanne Makris, Lucienne Marois, Anne Maronski, Bernice Markiewicz, Marcelle Martin, Mary Martinge, Marion Mellin, Lorraine Migneault, Nellie Mikulis, Jeanne Miller, Florence Mitchell, Esther Morse, Annie Naceski, Camil Nadeau, Elizabeth Niles, Alvina Niquette, Bernice O'Dea, Annie O'Donnell, Julia Okolovich, Yvette Onorowski, Doris Ouellette, Loretta Ouellette, Elinor Pelletier, Lorraine Picard, Alvina Pinette, Cecile Pinkham, Claire Polinski, Jasper Prevost, Thelma Puckett, Althea Randall, Pauline Raymond, Ruth Rioux, Katherine Roberge, Doris Rousselet, Patricia Russell, Josephine Sablusi, Lucille St. Francois, Irene St. Jean, Doris St. Onge, Diane Savard, Berthe Seguin, Gladys Siemanowicz, Juliette Simard, Gladys Soucy, Mary Soucy, Janet Stiff, Liberty Stoddard and Mary Sullivan.

Also Victoria Sullivan, William Taggart, Isabel Theriault, Pauline Theriault, Florence Thornton, Daniel Ulbin, Marie Vaillancourt, Effie Vosotas, Carmen Watson, Bertha Willette, Barbara White, Annamay Whittemore, Raymond Wynott, Sylvia Wynott, Bertha Zedalis and Olympia Zedalis.

Receiving recognition for completing ten years of continuous service were: Armand Antcil, Alan Howe, Vernon Hukee, Wilfred LeBlanc, Robert Pratt, Arthur Saunders and Joseph Whalen.

Making presentations was Sprague president Ernest L. Ward. Also attending the dinner was John D. Washburn corporate director of Industrial Relations.



A group of 15 year award recipients - all hired during the same week in 1951, shown with Sprague President, Ernest L. Ward. Seated left to right: Shirley Dean, Rachel Gendron and Barbara Johnston. Standing left to right: Cecile Pinkham, Elinore Pelletier, Lorette Ouellette, Mr. Ward, Annette Gagne, Anne Maronski and Agnes Harwood.

Nashua Welcomes . . . CONTINUED



Francis J. Cote, formerly employed as a Chief Engineer by Harvey Construction Company and the Caron Construction Company, in Manchester, has joined Sprague Electric, as Construction Engineer.

Mr. Cote was born in Manchester, and attended school there. He received his B.S. degree in Civil Engineering at the University of New Hampshire. He has had 21 years of active duty with the National Guard, and served as Major in the Field Artillery from 1942-1946. He spent 26 months in Europe while in the Service.

Francis is married to the former Corrine Bois, and they have three children; Francis, Jr. 19, Thomas 12, and Marguerite 10. Among his favorite hobbies are swimming and golf.

THERESA LEDOUX MARKETING SEC.



Theresa Ledoux who has been promoted to Marketing Department Secretary is a native Nashuan. She attended Infant Jesus School, and graduated from St. Louis High School. She also attended Rivier College for two years, majoring in Business.

Terry is well known as Secretary for the Nashua Young Democrats. Her other interests include skiing and sewing.

Miss Ledoux makes her home with her parents, three brothers and two sisters, on Allds Street, in Nashua.

JOSEPH DEMANCHE DESIGN ENGINEER



Joseph Demanche who recently was promoted to Design Engineer, began his employment at Sprague Electric Company, in 1959, as a Development Mechanic in Design Engineering.

Joe is a four year veteran of the Air Force, and served two years of active duty in Japan. He also was on active duty during the Cuban crisis.

He was born in Nashua and attended local schools. He has taken courses at Lowell Tech and New Hampshire Tech.

Mr. Demanche is married to the former Carolyn Marquis, and they have a son, Chuck, aged 7. They make their home on Lemon Street, in Nashua. Joe's hobbies are scuba diving and automobiles.



John Stancik recently joined our Resistor R & E Lab as a Development Engineer. He was formerly employed by Sprague Electric, as a Technician, for two summers while attending college.

John is a native Nashuan. He attended local schools, and graduated from Nashua High in 1953. He joined the Army in 1954 and served until 1956. He attended Chico State College, in Chico, California, for two years. He then returned to New England and attained his MS Degree from the University of New Hampshire. He also taught Math at U.N.H. for two summers. John's main interests are music and piano.

Mr. Stancik and his wife, the former Rose Theriault, make their home on Arlington Street, in Nashua.

ARMAND "RED" WALVER FOREMAN-METAL FILM



Armand Walver, better known as "Red", was recently promoted to Foreman of Metal Film Evaporation. He joined Sprague Electric in 1960 as a Group Leader in the Hyrel Department. He also worked as a Technician in the R & E Lab, Research & Development Lab for Metal Film, and as Engineering Assistant.

Mr. Walver served one year in the Navy during World War II, and two years in the Army during the Korean War.

"Red" is married to the former Jacqueline King, and they have two daughters; Traci 2, and Amanda 3.

He enjoys hunting, fishing, bowling and golf, which is his favorite by far.

WILLIAM HOLLORAN NEW C. I. FOREMAN



William Holloran, a recent and very welcome addition to the Management Group, began his employment at Sprague Electric late in 1962 as a Draftsman. Prior to his promotion to Foreman of Resistor C.I., he was a Group Leader.

Mr. Holloran was born in Boston, Massachusetts, and moved to Nashua, as a youngster. He attended local schools, Lowell Tech and Rivier College. Bill is married to the former Joyce Moher, and they have two sons; Michael, 4, and Patrick, 2. The Hollorans make their home in Nashua at 108 East Glenwood Street.

His hobbies include most sports with skiing topping the list.

JOSEPH DEGULIS RESISTOR FOREMAN



Joseph Degulis, who is a new Foreman of the Metal Film Department, is no newcomer to the Sprague family. Joe was hired in 1961 as an Expediter and then became a Group Leader.

Mr. Degulis was born in Pepperell, Massachusetts, and attended school there. He continued his education at Fitchburg State Teachers College, receiving a BS in Education. He also served in the Naval Air Corps from 1944 thru 1946.

He is married to the former Mary-Lena Theriault, and have three children. Joseph Jr. 14, and David and Diane, twins aged 13.

Joe's principal hobby is fishing, although he enjoys all sports.

JOHN CATES LAB FOREMAN



John Cates, who has been promoted to Foreman of the Control Laboratory, joined Sprague Electric, July 12, 1965. He was hired as a Technician and then shortly after became a Group Leader.

Mr. Cates was born in Nashua. He attended local schools, and is now attending E.C.P.I. classes in Manchester.

John is married to the former Diane Brousseau, and they have a daughter, Dawn, 4 months old. John spent 3 years in the Army. One year of this he spent in Germany. John doesn't have many hobbies, but he enjoys repairing TV sets in his spare time.

PHILIP BRODEUR ENGINEER ASSISTANT



Philip Brodeur recently promoted to Engineering Assistant, started at Sprague Electric as a degreaser in 1955. Prior to his promotion, Phil was a Process Technician in the Resistor R & E Lab.

Phil was born in Hudson, but attended schools in Nashua. He served in the United States Navy from 1951 to 1954. While he was in the Service he attended Electricians' School and Amplifier & Projectionist School. Phil has many outside interests, such as hunting, fishing, handball and basketball.

Mr. Brodeur is married to the former Estelle Lajoie, and they have three children: Marc 9, Susan 5, and Cynthia 3. The Brodeur family make their home on Trinity Drive, in Nashua.

RICHARD COTE ENGINEER ASSISTANT



Richard Cote, who was hired by Sprague Electric in 1954, was recently made an Engineering Assistant in the Resistor R & E Lab.

Mr. Cote was born and brought up in Nashua. He attended local schools, graduating from Nashua High in 1955. Dick worked the second shift while attending High School. In the fall of 1955 he left the Company to join the Navy for four years, and returned in 1960. Dick has taken courses in math, physics, and languages at Lowell Tech and Rivier College.

He is married to the former Elizabeth Joslyn, and they have two children; Greg 4, and Marc 2. The Cotes, Richard, Betty, and sons, make their home on D Street, in Nashua.

JOSEPH PARENT DEVEL. ENG. ASS'T.



Joseph Parent was recently promoted to Development Engineering Assistant. Joe was formerly employed by Sprague Electric from 1953 until 1962. He returned to our Company in 1963, as a Development Machinist. Prior to his new assignment, he was classified as a Group Leader. His outside activities include hunting and fishing.

Mr. Parent is married to the former Sibyl Poulin. Joe and Sibyl make their home on East Hobart Street, in Nashua.

NORMAN JODOIN ENGINEER ASS'T.



One of our new Engineering Assistants is Norman Jodoin. Norman began his employment at Sprague Electric in 1959 as a Technician in the Resistor R & E Lab.

Mr. Jodoin was born in Nashua. He attended our Nashua schools, graduating from Nashua High in 1953. Immediately after graduating he joined the Air Force for four years. While in the Service he took courses in aircraft maintenance. He has also taken courses at Northeastern University.

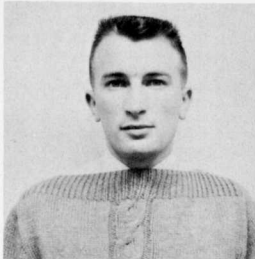
Norman has several hobbies: bowling, archery, golfing and hunting.

Norman is married to the former Roberta Bellmeur. The Jodoins, along with their two daughters, Eileen 9, and Lisa 4, reside in Hudson.

SUGGESTION AWARD WINNERS



Wilfred LeBlanc, Group Leader of Department 5166, received an award of \$376.95 for his suggestion on induction soldering.



Robert Sowa, Group Leader in the Control Lab, was the recipient of a \$96.00 Suggestion Award.



Group Leader, Robert Caron, of Department 5169, was a recipient of \$55.00 for his suggestion concerning salvaging Alumina.



Arline Rotkiewicz, Senior Clerk in the QAR Office, was the recipient of a \$25.00 award for her suggestion on improving filing.



J. Richard O'Brien, of Department 5165, received a total of \$90.00 for his two suggestions for improvements in his department.



Robert Leveille, Group Leader in Department 5265, received an award of \$60.00 for his suggestion on keeping Silicone paint.



Chris Dimopoulos of Department 5151, received an award of \$25.00 for his suggestion to be used on the presses.

Health and Safety

by Stacia A. Marcucci, R.N.

When the loss of blood in a patient has been particularly severe, transfusion of blood from another person may be lifesaving. To give blood transfusions has now become almost a routine procedure in any hospital. The demand for blood is greater than ever before. Blood may be stored in a suitable refrigerator for more than two weeks without harming the red cells. In some patients only the red cells are transfused, the plasma having been separated from the cells; other patients may require only a plasma transfusion. One must always be sure that the donor is healthy, that he has not had an infectious liver disease or syphilis.

When a transfusion is undertaken, the blood should be secured from an individual belonging to the same group as the patient. If such a donor cannot be found, as may easily happen if the patient belongs to either of the small groups "AB" or "B", blood of group "O" may—in an emergency—be used for patients of any of the four groups. If, on the other hand, blood of groups "AB", "A", or "B" is used for a group "O" patient, the result will be disastrous. However, a patient of group "AB" may receive blood of any group. By a simple test, it is possible to ascertain whether the blood of any individual is suitable for transfusion. This is known as "matching bloods", and it is always done when a transfusion is contemplated.

There is a certain blood element, known as the "RH" factor, which is present in the blood cells of approximately 85 percent of all white people. The blood of these people is, therefore, called "RH" positive. The remaining 15 percent are called "RH" negative, since they lack this factor. Almost all negroes are found to be "RH" positive. It is important to know this factor is present before a blood transfusion is given, because it is unsafe to give blood containing the "RH" factor, ("RH" positive) to someone whose blood is "RH" negative; this is one who does not have the

RECENT BIRTHS . . .

October — Mr. & Mrs. Jacques (Lucille) Desmeules, son
October 6 — Mr. & Mrs. Herbert Stancomb, son
October 10 — Mr. & Mrs. Carlos (Ileana) Cardoso, son
October 26 — Mr. & Mrs. Eugene (Pauline) Thibodeau, daughter
November 24 — Mr. & Mrs. Robert Cloutier, son
December 19 — Mr. & Mrs. Roger (Joan) Landry, daughter
December 20 — Mr. & Mrs. Richard (Rachel) Meldrem, son
December 24 — Mr. & Mrs. William (Doris) Foss, son
December 25 — Mr. & Mrs. Raymond Felch, daughter
December 27 — Mr. & Mrs. Donald (Diane) Sestito, daughter
January 2 — Mr. & Mrs. George (Alice) Landry, daughter

"RH" factor in his (or her) blood. Serious anemia may develop. Therefore, before every blood transfusion, it is necessary to test the "RH" factor of the donor (person giving blood), as well as the recipient (person who is receiving the blood).

Sometimes when an "RH" negative woman marries an "RH" positive man, they may have a baby born with a severe anemia (hemolytic). This condition is rather rare. There is one chance in five hundred deliveries of its occurring, and at that, it does not occur in the first-born child. Nothing can be done to prevent this possibility during pregnancy, but if a baby is born with this condition, it has from a 65 to 75 percent chance of survival by the use of proper transfusions. Many couples who have unlike "RH" factors have fine families and this incompatibility which cannot be helped or changed, should not discourage a couple from marrying or attempting to start a family.

The discovery of the "RH" factor has not only made blood transfusions a much safer procedure, but has also led to the correct and effective treatment of the severe anemia (hemolytic) of the newborn.

Editorial Staff

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Edward J. Noel

ASSOCIATE EDITOR
Tom Sawyer

ASSISTANT PLANT EDITORS
Betty Ulbin, and Simone Morse

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OFFICE AND LABORATORY

Shirley Dandley, Ann Gagne, and Doris St. Laurent

MAINTENANCE
Ted Slosek
SPORTS

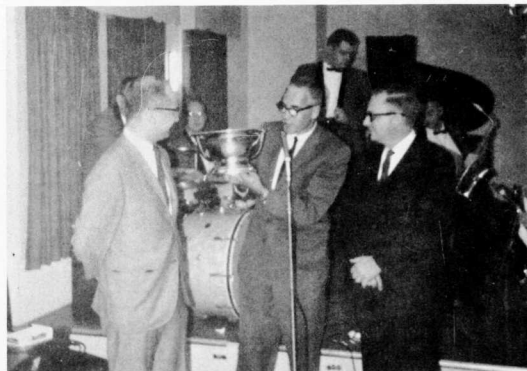
Jim Fariz and Lorraine Beaulieu

Published for the employees of the Nashua, N. H.
Plant of Sprague Electric Company

NEWS IN PICTURES



Bridget Kizik, Dept. 5165, winner of portable TV set, raffled in conjunction with the Sprague-Nashua Employee Benefit Fund increased donation drive, conducted by T. F. Richardson, Resistor Division Manager, and W. A. Reis, Ceramic Plant Manager.



Nashua-Concord Golf Tournament ended with a win for the Nashua turf diggers with the score Nashua 13, Concord 5. A beautiful "Paul Revere Bowl" won by the Nashua team was presented to Messrs. Reis and Richardson by Roland Theberge, at the Annual Sports Banquet.



Primo and Stacia Marcucci, at a farewell dinner given in honor of Stacia, our former head nurse, who has left the area after 17 years of service with the Company.

DEPARTMENTAL NEWS . . .

Ceramic R & E Lab

by Ann Gagne

Things have more or less quieted down after the hectic holiday season. Hope that yours was happy! Warren Hatch and family spent Christmas in Indiana, visiting Barbara's family. He reports that it was a very pleasant trip and all enjoyed the holiday there. . . Glen Cooper traveled to Kenmore, New York, to spend the Christmas holiday with his mother. . . We have a number of "new faces" whom we would like to welcome officially. A few are transfers from other departments, while others are new to the Sprague "family". "Butch" Barry, Draftsman in Ed Dionne's group, comes to us from the QAR section. John Stancik, a Sprague employee for a number of years, is now a technician in Bob Immediato's section. William Malenfant, who is new to the Company, has been assigned to Ron Kersey. Last, but not least, on our list of new technicians is Howard Derby, who is not only new to the Company, but to this country as well. Howard is a native of Jamaica and has been in the United States just a few months. Howard, his wife, and their two lovely children, are now making their home in Merrimack. Welcome aboard, everyone.

Congratulations to Warren Hatch and daughter, Debbie, who took third place honors in the State Father & Daughter Tournament held at the Gate City Bowling Alleys recently. We understand that little Debbie topped her father in three strings out of five. Well done, you two. Right now the bowling season is in full swing and this department is very well represented in a number of leagues. A few of our people are also avid skiers. Bruno Aimé, a novice to the sport, has spent a few weekends on the slopes and is really enjoying it. Jack Russell and wife, Jean, spent a week north of Montreal, Canada, getting the most out of this sport also. . . Very shortly, however, interest will swing over to the golf game, where we have an even greater number of enthusiasts (hackers in some cases). . . As is the case every year, we women are becoming diet-conscious once again, now that the holiday parties are behind us - must trim off those extra pounds by Spring. No doubt most of you have noticed how trim Dedie McCuskey is getting these days. Keep up the good work, "Mama".

Department 5169

by Grace Buder

Everything is back to normal after the holidays, and once again it is time to start thinking of Spring housecleaning! Josie Campedelli got an early start - the painters are working very hard and from what I hear the new colors are striking! . . . Irene Marquis enjoyed a round of holiday parties. She also received a Mother's ring from her children. . . Helen Bothwick had the pleasure of "spoiling" her 9 months old granddaughter. Her daughter and family from Florida visited over the holidays. . . Blondie Ancil is very busy preparing for daughter Linda's wedding. I hope you make it, Blondie! . . . Eva Hagerty

is counting the days until son, Dick, returns from Korea. Grace Buder is also counting the days - her son, Ernest, is due in the States from Korea, and also due for his discharge from the Service on the 24th of February. Winnie Dumais is waiting for son-in-law, Steve Dane, to return from Vietnam. He is due for his discharge in April. . . The girls in T & A enjoyed an evening out with dinner at the China Dragon followed by the play "Who's Afraid of Virginia Wolf?". Irene Roy and friends enjoyed the Ice Capades. . . Happy 29th Wedding Anniversary to Josie and Bill Campedelli who celebrated on January 15. Bill also celebrated his birthday that day.

Department 5164

by Arlene Gifford

Hello there! A special message to you all from Ethel Hebert. She wishes to thank each and everyone who sent get well cards and said prayers - for her little grandson, Carl Anderson, who was severely burned and spent 5½ months at the Children's Medical Center in Boston. He is home now, and doing very well. A very special thanks from his mom and dad, Mr. & Mrs. Carl Anderson. . . Shirley Vaccaro's son, Philip, and her son-in-law, William Herr, are both in Vietnam, for a tour of duty. . . This is it for now, until we all meet at Lou Levesque's home for a Valentine Party, and to see her new color TV.

Resistor Division Office

by Loretta Bouley

A farewell party was held for "Georgie" Whittemore at the Berkshire Country Inn. "Georgie" received many beautiful gifts. . . We would like to congratulate Marion Gustafson on her promotion as Secretary to Mr. Richardson, replacing "Georgie". We also welcome Terry Ledoux who is now Mr. Means' secretary. . . Other new additions to our department are Flossie Bat-chelder, in Resistor Scheduling; Caroline Duke and Paula Richard in the Marketing Department. We also welcome Mark Brook, Senior Manufacturing Engineer in the Methods Department. Mark is married and the father of four children. Alex Ferris, recently transferred from Camden, New Jersey, has been appointed Manager of Resistor Sales. Hope all of them will be happy in their new positions.

Congratulations to the new groom, Victor Fugere of Methods Department, who recently married Elaine LeBlanc in St. Jude's Church in Londonderry, New Hampshire. The happy couple honeymooned in Miami Beach, Florida. . . One of our lovely secretaries, Pat Smith, is no longer making those daily trips from Reeds Ferry. Pat has recently moved to the "City." Welcome to Nashua, Pat. . . On the other hand, Gerry Maynard is now seen motoring to and from Goffstown, New Hampshire, where she recently purchased a new home. Yours Truly is now a daily commuter from Hudson, where she and hubby and family recently purchased a new home.



Something to be proud of is this very good looking family of Martha Norris, of Department 5263. They are: Glenn 10, Kurt 7, Kris 5, Kitrina 3, and Heidi 8 mos.

Resistor QAR

by Anne Kozlowski

Now that the holidays are over most of us are settling down to a normal, quiet life again. All the rushing for last minute gift buying - wrapping, decorating the home, baking, etc. are in the past, and we can sigh with relief until next year. I decided to get an early start for 1967. I turned over a new leaf and have already started my Christmas shopping for '67. We sincerely hope that each one of you had a very happy holiday... During the Christmas holiday, the Control Lab was surprised by a few of our "boys" whom "Uncle Sam" borrowed from us - Howard Prior, who is stationed at Memphis, Tennessee, (Navy) and Ray Lombard (Army) who just came back from Vietnam. Ray is reporting to Texas, and "Howie" back to Tennessee, to Electronics School. Dot Jefferey's son was also home for the holidays. He, too, is stationed at Memphis. Good luck to all three of you.

Congratulations are in store for two of our members. John Cates who was made Foreman in Control Lab, and Robert Sowa who was made Group Leader. We also have a newcomer - Robert Goulet. His mother Jeanne, has been working with our Company for several years. Bob in-

formed me that he is thinking of taking a serious plunge come May 27th - matrimony! The lucky girl will be Jean Butterworth, from Quincy, Mass... Speaking of wedding bells, Betty and George Niles celebrated their 35th wedding anniversary, January 16th. A dinner party was planned for them by close friends. May you two have many more years together. Rose Trombley also had a celebration recently - her 25th wedding anniversary. They, too, celebrated the gay occasion with a house party given by their married daughter. They have a son who is a Junior at the University of Massachusetts... Bob Sowa and wife, Joanne (our day nurse), who we can say are still "honeymooning", celebrated their first anniversary in January... John Stevens had a vacation recently (a winter one for a change) and spent it with his wife, Lil (also a member of Sprague Electric) and son, Dennis, at their camp in Stoddard, New Hampshire. He tried his luck in deer hunting, but to no avail. Sorry, John - but maybe "67 will bring you better luck"... A group of our CI girls took a night off from their daily routine at home and splurged. They attended the movie "Doctor Zhivago" and then enjoyed dinner at the Yankee Doodle in Andover, Massachusetts. The girls were very impressed with the "plushy" restaurant and food "extra ultra nice"... May this coming year bring each and every one of you a very healthful and fruitful new year.

Department 5151

by Lucille Fitzpatrick

Now that the Christmas holidays are over, we are all anxious to get our budget in order and to get caught up on our sleep and rest... We notice a few changes in the Powder Room - Joe Mills has come on first shift, and Charlie Martinage returned to the Press Room. Welcome to Jerry Kidwell who is to be a mechanic in the Press Room on second shift. Laura Bechard is also a newcomer to the Press Room on days... Wilfred Michaud has returned to us after his six months training for the Reserves. He was stationed in Oklahoma not far from Wichita Falls, Texas, site of the new Sprague Plant. His description - "beautiful"... The following are

proud owners of new cars: Nancy Gagnon - a white Ford Fairlane with beautiful blue interior. Bob Gilman - a Chevy Impala. We're all happy for you.

Frank Litzenger and Emilienne Thibodeau have both been out on sick leaves. You both were really missed!... The girls who had saved a week's vacation for Christmas were quite pleased. This is such a nice relaxing week to be home and away from work. Among the ones out at this time we noted Anna Burns, Emilienne Thibodeau, Irene Lemery, Sophie Hoag, Jeannette Herrin, Marcelle Martin, Alice Brayall and Lucille Fitzpatrick... Wally Fortier, our Foreman, also enjoyed a December vacation. I understand he kept busy painting at home... Our Group Leader, David Pearson, is looking forward to moving into his new home. Everything should be completed and ready for occupancy by February. We want to wish you a lot of luck... Bertha Thiboutot, Anna Burns and Pat Corbin are the proud owners of color TV sets. Gladys Siemanowicz received a beautiful interlocking white gold wedding band and a diamond ring from her husband. After twenty-one years of married life this is a real wonderful Christmas gift.

Screening

by Mary Glance

Greetings to all and may the coming year bring good health and peace... We would like to welcome our newcomers. They are Irene Migneault from the night shift, and Yolande Biron, Marie Heppel, Vivian Slattery, Jackie White and Simone Belair, from other departments... Our late vacationers were Harold Denmore - a hunting trip to Maine (no luck tho'), Nellie Vandalosk, Gerry Toulouse, Celia Karczewski, Toni Lambert and Clairina Fournier all enjoyed theirs - gift buying, preparing for the holidays, resting, etc... Beverly Porter recently became Mrs. Paul Dion - Congratulations and best wishes for a happy life... Mary Tamulevich had reason to be happy - son Frank (Private, U.S. Army) was home on a 15-day leave for the holidays. He has now returned to Ft. Hood, Texas... Eleanor Gendron's son, Ernest Ricard, was also home on a



Mireille St. Pierre, soon to graduate from St. Louis High, is the very attractive daughter of Gisele St. Pierre, of Dept. 5263.

10-day leave from Ft. Dix, New Jersey. He is also a private in the Army. Good luck to you both!... A "new" fad - buying cars! Angie Nadeau has a '67 maroon Plymouth - now her trips to visit with her folks in Barre, Vermont, will be more enjoyable. Vivian Slattery has a '67 blue Impala - was a sad day before Christmas - someone crashed into it. Yolande Biron and hubby took a trip to Canada in their new Rambler. While visiting, their car was completely demolished. Norma Bosse also has a new car, and is enjoying it as well... Muriel Baldic is a proud grandmother to a beautiful adopted granddaughter, named Lisa Marie.

Resistor Division (Nights)

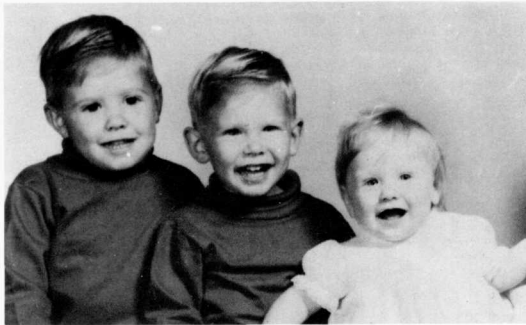
by Moudie Carta & Terry Slosek

We've welcomed in the New Year, the Christmas tree is down and as we trip over the new supply of toys let's see what some of our co-workers are doing... Betty Bailey became a mother-in-law on December 23, when daughter Melanie, became Mrs. Sidney Sheppard, at a lovely candlelight ceremony at the Arlington Street Methodist Church. A family reception was held at the Berkshire Country Inn. The newlyweds are living in York, Maine, where Sid is stationed on a Nuclear Sub... Another social event was held at the

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Huguette St. Pierre, a recent graduate of the Holy Ghost Hospital School of Nursing in Cambridge, Mass., is the daughter of Gisele St. Pierre, of Dept. 5263.



Ron Kersey, Engineer in Dept. 5119, is the very proud "dad" of this adorable threesome: Matthew 5, Gregory 3, and Alyssa 1.



Timothy 2, and Frank Jr., 3, are the two handsome sons of Audrey Chapman of Department 5263.

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Berkshire County Inn, on January 14th, when Linda Jean feted her parents on their 25th Wedding Anniversary. Evelyn Gureckis, is quite proud of her son, Adam, who is star player for the Spring Street Junior High. He scored 28 points in the game against Bishop Guertin freshman team. Future candidate for the Celtics, we hope. Janice and Joseph Sweklo made "our" Anne, a pre-Christmas gift of a grandson.

Good luck to Eleanor Goudreau who has transferred to days. Gisele St. Pierre has moved into her new ranch home on Peach Drive. Edith Hodge was pleased to have her son, Danny, home for Christmas. He came from the Air Force base at Albuquerque, New Mexico. He is on Special Assigned work, and is attending Albuquerque State College. Good luck to him, Hodge. Fanny Landry's brother, Danny, and family spent Christmas here with the family. They came for two weeks from Jacksonville, Florida. The children were so excited with snow because it was the first time they had ever seen it. I'll trade with them, Fanny. I hate the stuff.

Madeleine LaRocque's daughter got married on November 18th, in St. Patrick Church. She is now Mrs. Daniel O'Brien and is living in Londonderry. We had our Christmas party at Antoine's in Hudson, on December 3rd. We had a very nice roast beef dinner with gifts and dancing until midnight. A good time was had by all. By the way, has anyone got a road map to show Edith Hodge how to come back to Nashua, from Logan Airport in Boston? She gets lost every time. Glad to have Irene Hysette back after being out sick for two weeks. Fran Henderson is always up to some "monkey" tricks, so now they've penned her up. It's too bad the sand blaster had to be caged in, Fran. That will teach you! Irene Hysette, Phyllis Colum, and Marie Morin enjoyed an evening at Louise Morin's new apartment. Hi, to Lee Hoffheim who is back with us after being on days for a while. Bernie Barry is very happy these days because she has her mother with her after getting her out of East Germany. Hi to Antonio Sampaio who is with us running the Helix machine. Hope you like it with us, Tony. J. B. Belanger, a T. C. Operator, has a new member in her family. It's a little "hound dog" named Domino.

Depts. 5265 & 5281

by Cis Paradis & Terry Cote

Ann Doran had a wonderful Christmas this year. Her brother came home from Vietnam after a year and her son, Allen, was home on furlough. Mary Jane Giles visited her daughter, Pat and son, Douglas, who live in Great Lakes, Illinois. She had a wonderful time playing Santa Claus for her grandchildren. Mary is also having a wonderful time chaperoning at the A - "Go Go" Den. She is learning all the latest dances. Will you teach us a few, Mary? Terry Chauvin spent the holidays with her daughter and son-in-law in Long Island and spoiled those grandchildren of hers again. Lillian Breault is a happy mother these days. Her sons, Raymond and Danny, are both discharged from the Army. Ray was in Vietnam and Danny was in Germany. Mary Jane Bradley got a beautiful diamond for Christmas when she became engaged to Kenneth Davis. She is the daughter of Dora Bradley of this department, and Maurice of Dept. 5040. Pauline Tullis' daughter, Sheila, became engaged at Christmas time. The lucky man is Maurice Cloutier. Well, Pauline, we can't keep them with us forever! Good luck kids.

Josee Lee's son has gone to Vietnam. We hope he will soon be home. Sophie Adams had a party given her and hubby, for their 30th wedding anniversary. It was held at the Garde Rochambeau Hall, and a grand time was had by all. Shirley Malette has trouble with her puppy. It cries all night long and "Shirl" has to get up at 3 o'clock in the morning to feed it. Cheer up, they grow up fast. Tony Supry had a wonderful Christmas. She went to visit her son who is now stationed at Keene. He is a recruiting officer in the Navy and travels all over the United States. The Suprys have four lovely children. We hope you didn't spoil them too much, Toni. A sad good-bye to Joanne Goodwin, who left us to go on nights. We will miss you Joanne. Welcome to Terry Zurline who is back with us on Check Inspection.

Dept. 5264

by Pauline Akey

Hi, everybody! Bonnie Scott, a former Standby Operator, was presented a steam iron from her co-workers recently. She is soon to be married in Ethiopia, Africa! A cake was



Sweet and serene, is little Lisa Ann Fernandes 3, daughter of "Doll" and John Fernandes of Dept. 5263.

made for her by Wilhemina Chamberland. We would like to welcome the newcomers to our department: Beatrice Farland, and the second shift girls who transferred to days: Connie Michaud, Pauline Lefavor and Anne Mason. Glad to have you with us. Welcome back to Laura West from a sick leave. Thelma Puckett and husband were surprised with a 25th wedding anniversary party held at the Princeton lounge. They were presented a money tree and a Glendon clock. They received a telegram from her brother - Brother Hector Poulin in Taronio, Italy. Their daughter Linda and her sister, Sybil Parent, were in charge of the arrangements. Congratulations on the recent engagement of Colette Gosselin, a winner, to Clayton Seace, a Fiat Machine Operator.

Depts. 5165 & 5166

by Estelle Boucher & Ruth Parzych

A hearty welcome to all the newcomers in our department - Betty Seguin, and Simone Belair from nights, also Betty Laquerre, from Monolythics. Noella Cassista sure has a good reason to be proud these days. Her son, Normand, made the Dean's list at the New England Aeronautical Institute. Keep up the good work, Norm. Congratulations to our proud grandmothers - Jeanette Bordeleau, a granddaughter Ann Marie, to son Paul and wife; and Anna Jean, granddaughter Judith Ann, to daughter Joanne and husband Les. Best of luck to all our future brides. They are: Pauline Pelletier who will wed Marguerite Des-coteaux' son, Michael on January 28th; and Lorraine Cormier, of Dept. 5166, to Carl Williams on June 3rd. New Year comes but once a year. News from you we'd like to hear. Don't shy away, but let us know. When you see a movie or show. We can't pull news from out of a tree. Have to come from you - and it's all free.

Ruth and Estelle, we try our best. But as you know - we just can't guess! Eyes open and lend us your ear. For things will be happening in the New Year.

A sleigh ride you take when there is snow.

Tell us about it - we'd like to know. Let's all pitch in - now, one, two, three.

Make it pleasant for you and me. Don't sit down and just forget.



This cute "bouncer" is Chris Dane 4 mos., first grandson of "doting" grandma, Winnie Dumais of Dept. 5169.



As sweet as can be is Heidie Ann Markaverich 3, adorable daughter of Maureen Markaverich of Dept. 5264 and granddaughter of Millie Maverick of the Purchasing Dept.

News from you we have to get. Let us all know - We'd like to hear. What you will all be doing in this New Year.

Department 5165 (nights)

by Rita Peno

Hi - a brand new year and twelve months of work ahead, new adjustments, new cafeteria, and "brand" new faces with more coming. Sounds real good! A new Basketball league which will play at the old Y.M.C.A. every Saturday afternoon has recently been organized. We have Richard Theriault and John Soubosky playing. Tried to join as mascot, but wasn't accepted. Everyone is welcome - join in, it's a lot of fun. It is speculated that as of February 13th, Cindy Bernard will be in Cleveland, Ohio, on the first leg of her jaunt to California. Alc. Roberta Peno, and Alc. Lowell Butler of San Diego, California, were recently married at Affelt Air Force Base Chapel, in Omaha, Nebraska. Roberta is the daughter of your reporter, Rita Peno.

Department 5263

by Germaine Barbour & Rita Bernard

Here we are once again. Roger Landry became a father December 19th. It was a girl. Grandmother is Anne Landry of our Department, also. Congratulations are in order. The mother, Joan, formerly worked in the CRR department. "Ginny" Boulanger, who worked on Burn-in, has left us to await the long-legged bird. Also, Maureen Wilber who worked on Stamping, has left us for the same reason. Loads of luck to both of you. We are happy to announce the engagement of Kathy Biron to Jon Carroll. The wedding will take place in October. Delores Connolly enjoyed a holiday vacation at her home in St. John, Newfoundland. Lee Hoffheim started work with us on days, but has gone back on the second shift. Was nice working with you, Lee. Emile Lavioie is working first shift, transferred from third.

We've had busy mothers in our department, due to wedding bells - Kay Roberge and Marguerite Noel. A Jack and Jill party was held at the Polish Hall, January 6th, for Linda Roberge (Kay's) and Dick Noel (Marguerite's). The wedding took place January 14th at St. Patrick

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Severely burned shortly after birth - Carl Anderson, 4 mos., convalescing at the Children's Medical Center at Boston. Carl is the apple of his "grandma's" eye, Ethel Hebert of Dept. 5164.



Diane Lucier 8 mos., a little apprehensive of the "big, bad" camera, is the sweet granddaughter of Irene Marquis, of Department 5169.



"Life is just a bowl of cherries" seems to be what Richard Marquis 4½ mos., is saying to his grandmother, Irene Marquis of Department 5169.



Greeting a new day - is alert and adorable Donna Lee, 5 mos., daughter of Al Rondeau, Group Leader in Department 5263.

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Church in Nashua. Also, Gloria Roberge was married November 26th to George Ladas, at St. Patrick Church. She is now living in Jamaica Plain, Boston, Massachusetts. She is also a daughter of Kay... Madeleine Nesbit's son was home on leave from the Navy, after being away for a year... Irene St. Jacques spent Christmas with her son in Connecticut, where he is attending school... We must not forget Terry Percira's new addition - a lovely little poodle. She's looking for someone to make clothes to keep him warm on these cold winter days... Best of luck to Millie Turcott who has left our Company... A weight watching contest is taking place in the T. C. Room. Four of the gals are getting "trim" for Easter. They are: Connie Messier, Eleanor Hagerty, Connie Guy and Germaine Barbour. Who will win? Read all about it in our next issue.

Department 5236

by Robert Chatteley

We would like to welcome some newcomers to the Vitreous enamel section - Lillian Stuart, Lillian Albrecht, Madeline Carrier, Cecile Duval, Nancy Donahue, Betty Miller, Hector Belanger, Theodore Bell and Edward Miller. Greetings are also in order for Camille Gorham, Ann Caron and Dixie Messier who trans-

Continued on column 4



Bubbling over with vitality is this sweet little miss. Kristen LaFrance 7 mos., is the daughter of Ray LaFrance of Dept. 5126, and granddaughter of Blanche Pawlukiewicz of Dept. 5164.



These two adorable youngsters - leisurely awaiting the arrival of Santa are Larry 2½, and Brian 6 mos., children of Joanne of Dept. 5265 and Larry Goodwin of Dept. 5264.

Sit Down With Your Teen-Ager And Read

TOMORROW WILL BE WONDERFUL . . .

"You too can be the President of the United States."

Nonsense!

Chances are you won't become an astronaut or a movie star or an Olympic champ. You probably won't even become famous—except to your parents and teachers.

Does this mean, then, that you must accept a role in life as a nonentity, as a name among numbers?

Definitely not.

What then will you be—say, ten or fifteen years from now?

That's pretty much up to you.

Of course, you may think or believe one of the following:

- "My big-shot uncle will take me into his factory. With my pull I don't have to work hard or even think."
- "I don't care about nothin' 'cept havin' a ball. If I don't like somethin' I just cut out, man."
- "Whatever will be, will be. I can't change. Why try? I'm just not good enough to do anything."

And with minor variations, such thoughts echo in the minds of countless teen-agers—ignorant, indifferent, careless young men and women whose tomorrows are as bleak and empty as that void between their ears.

Tomorrow's world will be excitingly different. Those who are best prepared will live their lives ever more fully, richly.

The truth is that one need not become President of the United States or a movie star to live a full, rich life tomorrow. One needs only the willingness to do his best in school today.

Do you?

Continued from column 1

ferred from other sections. Glad to have you aboard!... Ann Caron's son was home on leave from the Service and then he had to leave for a tour of duty in Vietnam. Sorry to see him go, Ann, but our prayers go with him. ... Rachel Ottman's son-in-law just returned from Vietnam - welcome back... Simone Greenwood was one of the "first" vacationers this year going out in January - wasn't it rather cold at the beach?... Welcome back to Janice Malonson who was out on sick leave. Glad to see you feeling fine... Sorry to see Albina D'Amour leave us - hope you like 1st shift.

Stay In School

"For a variety of reasons, thousands of young men and women are abandoning their education - in most instances without having even completed a minimum course of studies. Without possibly realizing it, they are going to stand bare in a highly competitive society. They are doing not only a disservice to themselves as individuals, but to their communities and their country as well.

"From personal experience, I know that in many instances these youngsters are looking for help - and want to be helped. What they need most is a little patience... understanding... and a sense of mutual respect on the part of all of us.

"If you are aware of someone about to drop out of school - talk to him... reason with him... persuade him to reconsider his decision. Do it today. Tomorrow could be too late."

—Richard Rodgers



Private Ernest Ricard, good looking son of Eleanor Gendron, of Department 5165.



Fern Merton and Shirley Vaccaro, Group Leaders in Department 5164, take time out from their duties to smile for the camera.



Pictured above are the Nashua Sabres Drum & Bugle Corps youngsters of the following parents employed by Sprague Electric: Left to right, Jeanne Levesque, daughter of Yvette Levesque; Christine Seguin, daughter of Betty Seguin, Ann Daigneault, daughter of Jeannette Daigneault; David Saunders, son of Arthur Saunders. Back row: Robert Gagne, son of Jeannine Gagne; Daniel O'Donnell, son of Rita O'Donnell; David Bouley, son of Loretta Bouley; and Michael McNulty, son of Lorraine McNulty. Absent when picture was taken was Patrice O'Donnell, daughter of Rita O'Donnell. The Sabres' youngsters and their parents are working hard, as the Corps is self-sponsored, and they are planning to attend the V.F.W. National Convention in New Orleans, Louisiana in 1967, plus a trip to Montreal, Canada at the '67 World Exposition.



A group of employees in Department 5164 - take time out during their lunch period to celebrate Christmas.

Sports . . .

by LORRAINE BEAULIEU and JIM FARIZ

Skiing - - Anyone?

Dating from the 1930's, the Nashua Ski Club is the oldest incorporated ski club in New Hampshire. Although members have made a habit of capturing trophies in regional ski races, the Nashua Ski Club has always been for any and every skier from beginner to expert. Instruction in the American Technique of parallel skiing is available "free" every weekend from trained members of the N. S. C. Beginning with the "snow-plow" and working through "stem-turns" to "wedeln" and ski racing techniques, the lessons offer opportunity for improvement to skiers at any stage of development. Standard achievement tests measure a student's progress.

Race days are exciting, and N. S. C. members wait their turns at the starting gate, or line the slalom course to cheer the team on. Racing practices are held regularly, allowing everyone a chance to ski through the flags and gain confidence and balance. The annual club race in the Spring is a high-spirited contest participated in, by all club members.

Activities are concentrated on skiing, but include a variety of other associated events - Block Island beach parties, mountain hikes, trips to ski shows and evenings at the Boston Pops. In addition to three annual classic galas - the Halloween party, New Years in the North Country, and the Floogie or club banquet - the N. S. C. sponsors several informal evening dances during the year. Movies, speakers, or other special programs are a part of each meeting during the ski season. For information, contact: Jim Fariz, Extension 296.

Women's Office League

At the end of the first half, the Sprague Flip Flops came out in third place, with the Resistors following in fourth position.

In the team high three games, the Resistors took third place with a total of 1,494 and in the team high single game the Resistors took second place with a total of 541.

High triple tied S. Crooker (MacDuffie Parks) and L. Beaulieu (Sprague) with a total of 339.

Flip Flops

D. McCarthy	100.16
B. White	97.50
C. Caron	95.1
H. LaPlante	94.10
M. Grant	91.27
R. Parnagian	90.19
A. Juonis	86.0
D. St. Laurent	82.8

Resistors

L. Beaulieu	99.27
B. Weisman	94.20
M. Gustafson	94.11
I. Maynard	93.4
J. Pelchat	85.6
B. Dean	83.7
W. Farland	82.6

INTER-PLANT WOMEN'S BOWLING

Sprague Inter-Plant Women's Candelapin Bowling League team standings.

Captains	Won	Lost
C. Wardner No. 1	32	8
T. Cote No. 4	26	14
H. DeGrenier No. 6	24	16
C. Demanche No. 3	22	18
E. Boucher No. 2	16	24
T. Levesque No. 5	16	24
R. Poirier No. 8	15	25
C. Adams No. 7	9	31

High Team No. 1

C. Wardner
M. Giles
F. Ancil
C. Paradis
C. Lambert

Congratulations are in order for Carol Demanche with a high single of 145 and 338 high triple. Carol is one of few who has scored 3 strikes in a row. Cheryl Wardner holds high average of 100.8, with 136 for her high single and 324 high triple. Second high average goes to Estelle Boucher with 97.9 with 122 for high single. Most improved bowlers are Irene Marquis and Mary Jane Giles. Keep up the good work, girls.

Sprague's Getter Uppers Morning League

The standings of the Sprague Electric Women's Morning League is as follows:

Captain, Lucille Jean (Bullies)	7832	First Place
Captain, Pearl Peters (4 Jinks)	7735	Second Place
Captain, Madeleine Roy (The Shifters)	6844	Third Place
High Average, Lucille Jean	91.3	
High Triple, Eleanor Brinkman	319	
High Single, Pearl Peters	123	

Let's Play Ball

With Spring just around the corner, would anyone be interested in a girls' softball league? Come on, girls. It's time to start thinking of exercise and good fresh air. Can't think of a better way than to participate in a sport. You say you don't know how to play! So what. It's fun and our coach is willing to teach and train you. Call, write, or contact Margaret Glover, (Winding, 4th floor, Dept. 5265) now. She will get you started and who knows, you might turn out to be a great player.

... SPRAGUE OF WISCONSIN NEWS ...

Annual Sprague Christmas Party And Service Award Held At Schmit's

This year's Christmas Party was a huge success. With old man winter kind enough to give us a nice night, almost all of our employees turned out for the party. It was held at Schmit's Pavilion in Grafton, Wisconsin. Everyone enjoyed dancing to the music of the world-famous Alte-Kammeraten of Freistadt and Mequon, Wisconsin. With a short

intermission at about 11:00, Mr. Rubinstein announced the year-end changes and then the Service Award pins were distributed. Receiving the 10-year pins were Elva Carter, Delores Gavin, Lucy Bria, Virginia Peshel and Evelyn Tonn. Also receiving 10-year Service Awards were Mary Burkart and Delores Hoffmann.



Ten Year Service Award recipients included: (left to right) Elva Carter, Doris Gavin, Lucy Bria, Virginia Peshel and Evelyn Tonn.



Five Year Service Award recipients included: (left to right) Phyllis Pettit, Shirley Klippel, Ralph Landgraf, Evelyn Guhl, Irene Koepsel, Betty Sarg and Margaret Staub.

Present to receive their five year Service Award pins were Phyllis Pettit, Shirley Klippel, Evelyn Guhl, Irene Koepsel, Betty Sarg and Margaret Straub, Ralph Landgraf. Other five year recipients are: Joanne Bohn, Wanda Holder, Ilma Kraatz, Evelyn McCullum, Mayna Miller, Leona Noll, Betty Pipkorn, Vernice Thom, Margaret Voigt, Elaine Wagner and Mildred Wegner. After the

presentations of the Service Awards the door prizes were drawn. Receiving the door prizes this year were Hilda Horn, Al Clark, Margaret Mudler, Ralph Landgraf, Evelyn Guhl, Bill Kaehler, Gloria Stier and Peggy Cheers.

After all the Service Awards and presentations were made a buffet luncheon was served.

First 20-Year Service Award Dinner Honors 7 Sprague of Wisconsin People



Employees recently honored for 20-years of service with Sprague of Wisconsin were: (left to right) Hugh Putnam, Clarence Lindauer, Hedwig Lipinski, H. W. Rubinstein, Ethel Dietrich, Sidney Williams and Gene Beimling.

Sprague of Wisconsin's first 20-Year Service Award dinner was held on November 13, 1966 at Pappy's Restaurant in Milwaukee. Seven employees received pins in recognition of their years of service with the Company.

H. W. Rubinstein, President of Sprague of Wisconsin, Inc., spoke on the history and future of Sprague of Wisconsin. He spoke particularly on the growth in sales and employ-

ment and how with continued team work and dedication of purpose of all employees, such as the dedication given by the recipients of the 20-year pins, the continued growth of the Grafton operation would be assured.

The Service Awards were given to Gene Beimling, Ethel Dietrich, C. E. Lindauer, Hedwig Lipinski, Hugh Putnam, H. W. Rubinstein and Sid Williams.



(Left to right) Clarence Lindauer, Mrs. Rubinstein, H.W. Rubinstein and Mrs. Williams.

From Your Industrial Relations Manager's Desk



One of the most significant benefits Sprague of Wisconsin has to offer its employees, regardless of their job level, is the educational sponsorship program. This program gives people an opportunity to increase their knowledge and skills by taking outside courses from a great variety of educational institutions. Sprague educational sponsorship covers 100% of the costs of tuition and books which is as good as any, and better than most, industrial educational programs.

Too many people believe that this benefit only applies to employees having a technical background or who are involved in technical work. This assumption is not necessarily true. The object of educational sponsorship is to make available to all the opportunity to increase skills and knowledge which will be of value to the individual and the Company. This means that courses taken must have a direct application to work performed here at Sprague of Wisconsin. Ancient European History may be an interesting and broadening subject but it has little to offer in the field of manufacturing electronic components.

We all are aware of the important role education plays in today's competitive life. If you want to enlarge your responsibilities you must enlarge your capabilities. This can be done in many ways. One of the best is outside study courses. Your Company wants you not only to be successful in your work, but to grow as well. Therefore, concrete steps are available to you for self development. It is up to you. Come in to the Industrial Relations Office and let's talk it over.

Anders J. Doore

Editorial Staff

SPRAGUE OF WISCONSIN NEWS

Local Editor

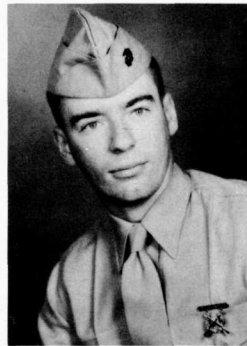
ANDERS J. DOORE

Contributing Plant Reporters

Donna Ballbach, Ida Buntrock, Donna Winget, Hilda Horn, Elaine Porath, Rita Helm, Marion Hewitt and Pat Poker.

Published for Employees of Sprague of Wisconsin
Grafton, Wisconsin

Vietnam Veteran



Sgt. Pat Penkwitz

Returning recently to the United States after 13 months in Vietnam is Sgt. Pat Penkwitz of the U. S. M. C. Sgt. Penkwitz is the son of Mr. and Mrs. Marvin Penkwitz, Port Washington, Wisconsin. Kathy, Pat's mother, is an Inspector in the C.I. Department.

While in Vietnam Sgt. Penkwitz was a gunner for a helicopter squadron. Following his return to the United States, Sgt. Penkwitz was stationed at El Toro Marine Corp Base, California. He received his discharge on the 4th of February, 1967.

An Unusual Hobby



Esther Baumann

Pictured is Esther Baumann from the Screening Department with a friend whose name I did not get. Esther's little friend, Mr. Rooster, was completely made of many different kinds of seeds and beans - and of many different colors. According to Esther it took her over forty hours to complete the project. Mr. Rooster is beautiful in color and I sure wish everyone could see him because of his color. Esther probably is busy working on another such beautiful project by now.

Plant Potpourri . . .

Our cafeteria is taking on a different look the past couple of weeks. It is now enclosed with a partition of tan, yellow and green plastic colored panels which adds a lot of color to the eating area.

Two 700-watt lights were installed in the parking lot across the street from the Plant.

In order to successfully remove snow off of our sidewalks around the Plant, a new snowblower was purchased.

Also our parking lot across the street was marked off for individual car parking. The parking lines and the lights have greatly improved the area.

Furniture and machinery are arriving periodically during the week to be installed and used in the new C. P. C. Department. The department is now tiled and painted which aids to its appearance.

NO ERRORS - PLEASE!

As a help to all taxpayers in filing their income tax returns, the following list from the Treasury Department shows the most common errors found by the Internal Revenue Service in returns filed by taxpayers.

1. Incomplete address or incorrect Social Security number.
2. Failure to attach all W-2 Forms.
3. Failure to check correct blocks indicating filing status.
4. Incorrect checking of blocks for personal exemptions or listing of dependents.
5. Incomplete listing of itemized deductions.
6. Listing income, deduction, or tax items on wrong line.
7. Failure to sign return.

Gov. Knowles Tours Local Sprague Plant



Governor Knowles and Marlene Knuth

On October 31, 1966 Gov. Knowles toured Sprague of Wisconsin. He was given a tour of our factory by H. W. Rubinstein, President. Gov. Knowles toured quite a number of other factories that day in the Grafton and Cedarburg area.



SECOND SHIFT STAMPING

by Pat Poker

As the year 1967 starts we like to wish everyone good health. Here are some things we hope for in 1967.

That Elaine Ruckdashel won't get any more deer the hard way (with her car).

That Susan Kurth will get over her nightly sessions of sneezing.

That for the Fourth of July the men get a firecracker that really works.

That no one else walks by the inspection table singing "Hello, Dolly."

That Frannie Lancot will be able to think up more pranks for Bill.

That Rose Bauer will come up with some more bird stories. Did you see the bird Santa gave her?

That Carol Krinkel stays off the curb with her car!

Everyone is happy to see Arlene Peterson back with us.

We hadn't seen the night girls so happy about anything as the day we had our new lights in the parking lot.

Oops! Don't look now, but I think Pat Poker just fell into that great big box in the Stamping Department. Tell us how you did it, Pat, so we can all try. It looks like fun.

SCREENING NEWS SECOND SHIFT

by Marion Hewitt

Congratulations to Joan Stageman and family on the arrival of twin boys on November 10, 1966.

We all were very sorry to hear of the stroke which Joan Stageman suffered on November 28th. A blood clot was removed from the top of her head on December 6th. She is now recuperating at Columbia Hospital in Milwaukee. We all wish her a speedy recovery and hope she will be able to return to work before too long.

Just nine days left 'til Christmas. Still haven't got all my Christmas cards mailed out. Had the children's picture put on them this year. Picture of my children on picture page. Left to right top row - Margaret-12 years old, Catherine 15½ years old, Patricia 14½ years old, middle row - Mike 8½ years old, John 4½ years old. Bottom row - Timothy Patrick 3½ years old (bet you can't guess when he was born - March 17th.) Terrence-6½ and on Terry's lap Joseph 2 years old.

And from myself and my family a very Happy New Year to all of you.

Wit and Humor

Sign on a high school blackboard: "You must learn a skill-or you won't



The Robert A. Hewitt family

know what kind of work you're out of."

A sign on a Phoenix barbershop reads: "Twenty Barbers - Continuous Conversation."

MICA NEWS

by Rita Helm



Now that the holidays are over and we are all getting back to normal I want to wish everyone a very Happy New Year.

We are sorry that Bev Stone has left us. We won't soon forget her good humor and hope she won't forget all of us in Mica. Keep those sweatshirts on so they can spread their happy smiles.

Mary had a birthday and forgot to come in to work. Don't blame you, Mary. Birthdays should really be declared legal holidays. I'll go along with that 100%.

Lydia and family spent their holidays in Niagara Falls, Ontario, Canada. Reports are they all enjoyed the trip in a new car and enjoyed visiting relatives whom they hadn't seen for a few years.

Doris and family spent their Christmas holiday at her parent's home in Green Bay. She sure had a hard time explaining to small son about Santa finding them there. After they returned home, Doris' dad became ill and she made another trip to Green Bay. Here's hoping he'll be back on the road to recovery by the time the news comes out.

Several groups of girls at different times enjoyed an hour long Christmas lunch and party before the holidays. Good Old Court House Inn.

Some of us exchanged comical gifts. Johanna won't have to worry about anything this winter, she'll be the warmest and softest one of all. Ask her sometime. Jean got her long awaited sugar daddy.

Some of the Mica girls are keeping an eye on Marge Taylor. Wondering why she listens for the phone to



Wayne Sprague

ring. How else can you make a dime nowadays.

A very happy birthday and anniversary to all who have celebrated one since the last newspaper edition.

A warm welcome to all the new girls who have joined our department. Wish them a lot of luck in their new job.

We are glad to have most of our girls back from their leaves. All have recuperated and are back on their feet again.

If there is anyone interested in joining the polar bear club, contact the Mica Department on our colder days.

See picture section of the newspaper. The Sprague boys are presented there. They are the grandchildren of Hilda Flom.

Just a thought for the day. With the New Year there should be new challenges for each of us to complete ... Here's hoping it's a good year for all.

ASSEMBLY NEWS

by Hilda Horn



I, Hilda Horn, would like to take this opportunity to introduce myself as your new reporter for the Assembly Department.

I was told that our department is a little bit behind on sharing some of the news events about ourselves and our loved ones. I also was told to cut my introduction short and to tell you about some of the news I managed to gather with one day notice.

We wish Mary Dallmann a speedy recovery from her operation and hope to see her back soon. We are also sorry to hear that Luella Gressler is at home with a broken bone in her foot.

We are happy to see Laurie Fromm back in good health after her operation, and we all wish her good luck at her new job at the Mica Department.



Robert Sprague

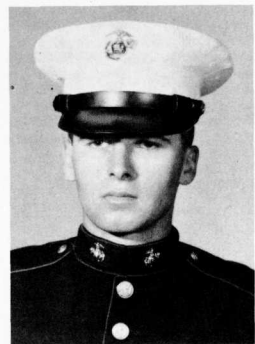
The members of the Assembly Department presented Mildred Wegner with a folding wheel chair. We are all awaiting the news of the new arrival.

Guess who is riding in style? Eunice and her husband are the new owners of a 1967 red Chevrolet Impala.

Eight girls from the Assembly and Screening Departments got together for a Christmas celebration at Wood's Hotel. They exchanged gifts and had an enjoyable dinner. A good time was had by all. Guess who had the "Dream of the Girl Nightgown"? Guess who missed the steak and ended up with the bone? The centerpiece was a bunch of nuts, and the right one ended up with it.

What department other than Assembly has two male models? Marvin and Ray want to thank all the girls for the nice Christmas gifts which they received.

Lucille Bria was presented with a 10-year Service Award bracelet & corsage at the Christmas party. Not present for the Christmas party, but receiving Service Awards were Mary Burkart-10 years, Wanda Holder-5 years, Vernice Thom-5 years and Margaret Voigt-5 years. Eunice Eickstedt and I won door prizes.



Pvt. Richard Thom

Pvt. Richard Thom, son of Mr. and Mrs. Donald Thom, was home on leave from the Marines from the 12th of December until the 27th. He is now attending Communication Elec-

tronics School at Camp Pendleton, California.

S. P. 4 Gary Bria, son of Mr. and Mrs. Frank Bria, had a 45-day furlough from Germany. He returned to Germany January 26, 1967.

I hope I have more to write about the next time. If I have missed something important, please let me know.



SP4 Gary Bria

SCREENING NEWS

by Donna Winget



Time to report the news.

First we want to welcome all of the newcomers to Sprague of Wisconsin. We hope you will enjoy working here as much as we do. We send you all of our luck.

Congratulations to Paula Becker, of Screening, who became engaged on New Year's Eve. She plans a Fall wedding. She has set the date as September 23, 1967.

Congratulations to all of you having birthdays and anniversaries. Sure hope there are many more to come.

We are glad to have Henrietta Phillips back with us once again. She has been on a leave of absence for illness and we wish her good luck and success on her return to Sprague of Wisconsin.

Sorry to hear that some of our workers are sick. We sure hope you get well fast.

Have a properous New Year and may all your wants and wishes come true.

PRE-ASSEMBLY NEWS

by Elaine Porath



Hi!

Well everyone seems to have gotten over the holidays in fine shape and all were well pleased with their visits



LaVern Kultgen's grandsons, Billy and Bobbie Karrels



The Porath children

from Santa. All enjoyed the annual Christmas Party.

Ruby Full made a visit home to Indiana for Christmas with her daughters and their families. Guess she enjoyed it so much she wished she didn't have to return again so soon.

Congratulations to Rita Mielke who has become engaged since the last publication. Lots of luck to you, Rita!

Beverly Hadler, Delila Mazemke and LaVerne Kultgen are still going strong with their bowling. At least they haven't been complaining.

Guess everyone is looking forward to Spring when the cold weather and snow will be over with and our backs get tired from working in the gardens instead of shoveling snow.

Yours Truly was busy for a couple of weeks baking birthday cakes for three of my children who had birthdays in January. They are 6, 9, and 13 years of age. (Picture was taken a couple of years ago).

Also picture of LaVern Kultgen's grandsons taken at Christmas - can't blame her for being proud!

Guess that's all for now. See you in the Spring.

OFFICE NEWS

by Donna Ballbach



Happy New Year to each and every Sprague employee.

Also now that our New Year's resolutions are written, we should all be practicing them to the best of our ability.

November was a happy month for



Bonnie Jaeck

Rosemary DeMaster of the Payroll Department. Rosemary became engaged November 27, 1966 to Daniel LeMahieu. Both of these two fine people are from Oostburg, Wisconsin. From what I've heard, August is supposed to be the big month.

For myself, it was a very happy Christmas this year. My husband, Bill, who is a Sergeant in the Marine Corps, returned from oversea's duty. Bill had been stationed on Guam for



Rosemary DeMaster

18 months. He returned home to Wisconsin on the 18th of December just in time for the Christmas and New Year's holidays. With just fifty-two days left in the Marine Corps after the 10th of January he will be stationed at Parris Island, South Carolina until March 3, 1967, the day of his discharge.

Sprague's bowling team from the office has been doing quite a lot better than last year. Right now we are tied for fifth place with two other teams. Fifth place might not look like the best place to be in but compared to last year when we were in the basement all the time, I'd say that we are doing 100% better.

I'd like to extend a welcome to Darlene Christopherson and Paula Webb. Darlene comes to us from Janesville, Wisconsin. She moved from there to Grafton with her new husband, Lyle. She and Lyle were married October 29, 1966.

Paula recently moved from Dallas,



Mr. and Mrs. Lyle Christopherson

Texas to Port Washington. She is working as a Draftsman for Bert Marks in the C. P. C.'s Department. Paula's husband, Stan, is an announcer for WGLB in Port Washington.

I hope that their employment at Sprague of Wisconsin will be a long and fruitful one for both these gals.

Announcing her engagement to everyone this morning took us all by surprise. Bonnie Jaeck who works for Emory Sacho in the office announced her engagement to Tom Larson. Both Tom and Bonnie are from Cedarburg, Wisconsin. There hasn't been any definite wedding date set yet, but I'm sure we will all have another surprise when she announces the date for the wedding. We are all very happy for Bonnie and Tom.

A Going-Away-Party was given to Charlotte Hanson on Thursday, January 6th at the Wood's Hotel. Charlotte has decided to go back to college and we would like to wish her the best of success. We presented her with a radio so that while she studies during the early hours of the day she can be more relaxed and listen to quiet soft music. Best of Luck to you, Charlotte.

Medicine Fights a Killer

Rheumatic fever is a silent crippler of children. If undetected, it may be followed by rheumatic heart disease, killer of young adults. It begins with a "strep" throat infection.

Sore throats, though caused by a variety of bugs, often look alike. Only a throat swab and lab test can tell whether the dangerous Group A beta hemolytic streptococcus is present. Routine sore-throat treatment removes symptoms of the "strep" throat - often mild - without killing the bug, which may go stealthily on to cause rheumatic fever and attack heart valves.

Suggestion Awards Presented To Two Sprague Employees

Recently awards were presented to Rosalyn Bauer and Sally Gavin.

Sally is employed in the Mica Screening area, and she received a \$25.00 award for her suggestion relating to a measuring device.

Rosalyn is in the Shipping Department and she received a \$15.00 award to prevent mix ups in lots of material to be shipped.



Christiansen Named Chief Accountant

The appointment of Donald B. Christiansen as Chief Accountant was announced by Bruce R. Carlson, Treasurer. Mr. Christiansen succeeds Robert E. Armitage who is serving as Assistant Treasurer, and has assumed many of the duties of Hollis R. Wagstaff, Vice-President, Fiscal, who retired December 31.

Mr. Christiansen will be responsible for all the General Accounting Department functions which include Accounts Receivable, Accounts Payable, Cash, Telephone and Telegraph, Credit Union and general books of the Company. He will continue to report to R. E. Armitage.

A native of Southbridge, Massachusetts, Mr. Christiansen joined Sprague Electric in 1959. He is a graduate of Bentley College of Accounting and Finance where he received an associate degree in science of accounting. He has completed his studies for a bachelor of science degree in accounting and will receive his degree at Bentley commencement ceremonies in June.

Mr. Christiansen is Treasurer of the First Methodist Church in North Adams and served for eight years with the Massachusetts National Guard.

Ernest Taft will become Assistant to the Chief Accountant and will assist Mr. Christiansen in various accounting areas.

Mr. Sprague's Forecast

Continued from Page 4, Col. 4

unit prices will serve to hold the gain to perhaps 8%. In discrete passives, I would expect an increase of about 15% over 1965. Monolithic circuit production will probably approach 75 million circuits for a value of \$225 million, while shipments of functional assemblies of all types will also increase.

INDUSTRIAL POSITION STRONG

Recent forecasts of the trend of general business in 1967 have shown more than the usual dispersion, reflecting the uncertainties created by the international situation and the resulting fiscal and military problems facing our Government. While the fortunes of the electronics industry are never completely removed from general business trends, I believe our industry today is in a strong demand position, with backlogs still substantially higher than a year ago in many products, continued interest on the part of the consumer in our

Vice Pres. Humphrey Praises NASA And Gemini Contributors

James E. Webb, Administrator of the National Aeronautics and Space Administration, received a letter of congratulation from Vice President Hubert H. Humphrey which he is sharing with all who contributed to the successful Gemini program.

In view of the tragedy which recently took place in the Apollo program, the Vice President's words carry added significance.

The letter follows:

Dear Mr. Webb:

The Gemini program has been a most impressive success from the first flight on April 8, 1964, through the twelfth which made November 15, 1966, such a memorable and historic day.

This program has proven through experience so many things about astronauts' courage and spacemanship, the reliability of our launch vehicles and spacecraft, and the efficiency and dedication of our support personnel. Moreover, it has imprinted on the pages of space history a series of records which reflect so clearly technical competence this nation has already reached in its national space program. There is, however, much more to be done.

Above all, this Gemini program has revealed how a team representing the Federal Government and private industry can work together and, in so doing, show the world in an open fashion the vitality and efficiency of our democracy and free enterprise system.

I congratulate you and your associates for your contributions to Gemini. The American people are proud of your role and participation.

Sincerely,

Hubert H. Humphrey

RECENT RETIREES

FRANCES ALDERMAN, of Miscellaneous Parts and Assembly, retired from active service on December 2, 1966 after 25½ years of service.

HAROLD W. BROWN, of Brown Street Industrial Oils, completed his duties with the Company on December 31, 1966 after 16½ years of service.

ANNA MALLOY, of Miscellaneous Papers, completed her duties on January 6, 1967 after 24 years with Sprague Electric.

LAWRENCE LACOMBE, a watchman at the Union Street Plant, left the Company on January 8, 1967 after 20 years of active service.

JOSEPH POISSANT, a watchman at Union Street Plant, retired on January 8, 1967 after 18½ years of service.

OLIVER O'DELL, of Centrifuge, completed his duties on January 22, 1967 after 22 years with the Company.

RALPH BROWN, of the Maintenance

Continued on page 7, col. 1

products for this market, and favorable prospects for continued increases in sales to the Government and industrial markets. In the component field, especially, rapid advances in technology will continue to offer challenging opportunities for growth.

Adelson Promoted To Product Specialist; Peters Named Eastern Regional Manager



Leonard Adelson



Robert Peters

Two organizational changes were announced recently by Carroll G. Killen, Vice President of Industrial and Military Sales. Leonard Adelson was named Product Specialist for Industrial and Military Paper and Film Capacitors and Robert Peters was promoted to the new post of Eastern Regional Manager. Mr. Peters will continue to make his headquarters at the New York City Sales Office. He will be responsible for operation of District Sales Offices

along the Eastern seaboard from Florida to Connecticut, as well as up-state New York.

Mr. Adelson is a native of Boston, Massachusetts and a graduate of Tufts College. He joined Sprague Electric in 1952 in Research and Engineering and for the past nine years he has been a Section Head in the Engineering Department Small Paper and Film Capacitor area.

During World War II Mr. Adelson served in the U.S. Navy as an electronics specialist. Prior to joining Sprague Electric he was employed as a chemical engineer in Orlando, Florida.

Mr. Adelson holds two U.S. Patents in the field of capacitors and has additional patent applications pending.

A native of Brooklyn, New York and a graduate of Brooklyn College, Mr. Peters joined Sprague Electric in 1944 as an Application Engineer. He later was named District Manager for Upstate New York Sales and in 1963 was promoted to Manager of the New York region with responsibility for sales in both metropolitan New York City and upstate New York.

Prior to joining Sprague Electric, Mr. Peters was employed by Lafayette Radio in Chicago and by the Camp Evans Signal Labs. He is an active radio amateur and is the operator of station W2BCN.

Training Directors To Hold Conference

The American Society for Training and Development will hold its 23rd National Conference from May 8-12, 1967 at the Sheraton Boston Hotel, Boston, Massachusetts.

Courtney W. Flanders, Manager of Corporate Training, is General Chairman of the Special Interests Groups program. These groups will feature 22 separate seminars on Tuesday, May 8, representing that many various industries. Approximately 1400 training personnel will be in attendance at these sessions to exchange solutions to their particular management development and training problems.

Bruce R. Carlson, Treasurer of Sprague Electric Company, has been invited to speak at two of the Management Development Sessions. His topic will be "Computer Effects on Management Decisions".

W. Moorhead General Marketing Manager - Passive Components



William L. Moorhead was recently named to the new post of General Marketing Manager - Passive Components, Industrial and Military Sales, by Carroll G. Killen, Vice President, Industrial and Military Sales.

Mr. Moorhead has been Marketing Manager, Motor Control and Special Components. He joined Sprague Electric in 1961, coming from the Appliance Control Department of the General Electric Company at Morris, Illinois where he was Residential Controls Sales Manager for air-conditioning and heating. Mr. Moorhead had been with General Electric Company since 1949. He was with the Transformer Division at Pittsfield for three years before being transferred to Apparatus Field Sales in Johnstown, Pennsylvania for three years. He then went with the Appliance Control Department at Morris as a Marketing Specialist and was later promoted to Sales Manager.

A native of Pittsburgh, Pennsylvania, he holds the degree of B.S.-E.E. from the University of Pittsburgh. He served with the U.S. Army in the South Pacific during World War II.

BRANCH PLANT NEWS



Members of the Fearsome Five are: (left to right) Omer Bruns, Floyd McClothin, Joe Delgado, Irv Bishop and Ken Miller. The Sprague team here in Vandalia got the season off to a poor start, but lately the "Team" has been coming on like "Gang Busters". Keep up the good work, boys, and maybe you'll make the grade.

VANDALIA

by Jean Roberts

This column finds us in another year and we are trying to adjust ourselves to this fact, in addition to abiding by all our resolutions and recovering from the "hectic, but wonderful holidays". We would like to wish good luck and good health during the brand new year to every one of you.

Holiday festivities enjoyed by the Vandalia Sprague-ites included a cocktail party held on Friday, December 16th at Henrici's Restaurant. Music for our dancing and listening enjoyment was provided by the Gene Monbeck Quartet. This gala affair proved to be a very delightful evening and put all of us in the Christmas spirit. Those who received their five-year pins were: Donald Walter, Arlene Strobel, Lillian Behrens, Virginia Bailey, Edna Putterbaugh, Floyd Fogel and William Edwards.

We have two new proud grandmothers - Ann Roller and Arlene Strobel. Both have new grandsons. Ronald Frank is a very lucky papa, with the arrival of his second daughter, Tonya Kae.

Chris Koehler must have really had a busy holiday season - or maybe just too many parties. She appeared at work with two different color and types of shoes!

Christmas vacations are really get-



Diana (2 years old) and Danny (1 year old) are the smiling children of Bill Schmid.

ting popular! Virginia Bailey, Minnie Stewart, Teresa Nestor, Victoria Pfum and John Weltry are the lucky people who saved their vacations for this busy time.

Get Well Wishes are sent to Ruth Irvin, Naomi Goff and Teresa Nestor - all recovering from recent operations. We hope to see all of you back with us again real soon! Also best wishes to Susan Gable and Ruth Tucker.

New additions to our Sprague Family are: Sharon Brown, Wanda Oakes, Mary Carter, Virgie Britton - Filter Makers - and John Morgan - Coil Winder. We are always glad to welcome newcomers.

The Recreation Committee sponsored a bowling party with 32 people in attendance. Prizes were awarded to: Mary and Bob Kling, Bob and Linda Musick, Joe Delgado and Ken Miller. Of course we must not forget the boogie prizes which were presented to Lynn and Barbara Hussong. We must say you two believe in keeping bowling in the family. Many thanks also to Mary Kling who volunteered to be our official calculator by adding up the score sheets. We all realize this was quite a tedious job, but we promise the next time to supply her with an adding machine. It turned out to be such an enjoyable evening that the Recreation Committee is planning another bowling party for Saturday, February 18th.

Ann Roller had a very embarrassing situation a few weeks ago. She had gone to the hairdresser, had driven home and found she was driving another person's car in place of her own. Ann! It could be hard explaining to the police department that your keys fit both cars!

That's all for now. The next Log Issue will be in the Springtime, so we should have a lot of activities to report then. Take care until you hear from us again.

TORONTO

by Ellen Robinson

A big hello from Canada to all LOG readers, and we hope that 1967 will be a good year for everyone.

This is Centennial Year for us in

Canada. We celebrate 100 years of Confederation and all over the country birthday projects are being held. One of the largest is the World's Fair called 'Expo 67' in Montreal, which we hope will attract visitors from all over the world.

Our Christmas dance was a real success and the girls looked their loveliest. At the height of the evening everyone seemed to be having a good time learning or watching a Greek waltz and later still, a few others made good progress at the Highland Fling.

We are happy to see Betty and Gitta in good health and back on the job again. We hope that Molly and Stephanie, who are at present out ill, will soon be well again. Most of all, we hope the loss of Molly's tonsils will not affect her Liverpudlian accent.

WORCESTER

New Year's week brought the "swan" song - well, all right, "goose" song - of the tenants of the duck pond at our new Worcester plant. Pat Daly of the Maintenance department is playing host to our feathered friends until the return of scuba diving weather. Four geese and a Muscovy duck - survivors of the late season marauders - were escorted to their winter motel after some fast foot work by Pat, Fran LaPlante, Al Sear and Pat Poland. Their wise quacks will be missed.

Construction is well along on a one-story concrete block storage building at the rear of our new plant. Upon completion it will become the new home for air compressors which service production processes and presently are located in the new plant Equipment Room. The move is expected to help solve a bothersome vibration problem. In addition, the building will provide space for safe storage of chemicals, flammables and other potentially hazardous materials.

Two bowling leagues are providing recreation and get acquainted opportunity for Worcester employees. An eight-team ten pin league meets Monday nights at 6:15 at Lincoln Lanes. Candlepin enthusiasts - six teams - chop out their strikes and spares at the Thunderbird Lanes in Auburn on Thursdays at 8:00 p.m. Anyone interested in joining the crowd can get information at the Industrial Relations office.

CONGRATULATIONS

...are in order to Edward C. Jasiewicz, appointed to General Foreman of SEPT and Compatible Components. Ed came to us from Concord as Foreman when SEPT first moved into the Goddard building.

...to Byron K. Porter, Jr., promoted from master technician to Foreman in Mask Making department which he helped to set up with department head, William E. Duff, as the first operation in the new building.

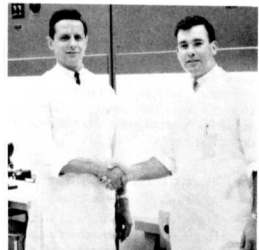
...to Sheldon A. Taylor, another Concord alumnus, assigned as Engineering Development Manager, Hybrid Circuit Operations. He will be responsible for circuit and prototype



Edward C. Jasiewicz was recently promoted to General Foreman of SEPT and Compatible Components.



Byron K. Porter, Jr. (right), recently promoted to Foreman in the Mask Making Department, checks out a multilith with Department Head, William E. Duff.



Joseph V. Shagday, General Foreman (left), congratulates James E. Kelley, Jr. on his recent promotion to Foreman of Assembly.

design of new products, for Shaw Building production and engineering operations, for Hybrid Circuit Operations technical liaison with Marketing and Q.A.R., and for product engineering support to production. He will report to Carl I. Swanson, Manager, Hybrid Circuit Operations, Semiconductor Division.

...to James E. Kelley, Jr., formerly Group Leader and now Foreman of Assembly. An ex-Marine, Jim is a sports car and drag racing enthusiast. His responsibilities will include scribing, sorting dice, inspection and pre-cap visual inspection.

Continued on page 8, Col. 4

Sprague Employees Provide Wheelchair For Young Girl



April Maselli and her brother, Paul, are a familiar sight now that she has a wheelchair.

Over a period of many years, the Sprague Electric Benefit Fund has aided many employees and their families. Young April Maselli, 11-year old daughter of Watchman John Maselli, expressed her thanks to the members of the Benefit Fund for their gift of a wheelchair. She said:

"To all the members of the Sprague Benefit Fund, I want to say thank you for the wheelchair. I can't tell you what this wheelchair really means to me. I'll be able to go to the movies, to the playground and visit my friends now that I have a wheelchair. Before I had to wait for my father to carry me into the movies, or for someone to carry me wherever I wanted to go. Now my brother or my friends will be able to wheel me. It makes me so happy to know I have so many friends who care about me. I'm glad my father works where there are so many kind and generous people. I want to thank Mr. Carl Perry and Mr. Reynolds and also Mr. Ray Maynard. Maybe I'll get to see them and thank them in person."

April Maselli
Grade 5
East School

Lowry

Continued from page 1

Mr. Lowry and his wife, Betty, have four children and reside at 45 Burr Drive, Dalton, Massachusetts.

Mr. Lowry is also an Assistant Secretary of the Sprague Electric Company and serves in various official capacities in subsidiaries of the Company.

Retirees

Continued from page 5, col. 2

nance Department, retired on January 27, 1967 after 14 years with Sprague Electric. RAYMOND LAFRANCE, a watchman at the Union Street Plant, left the Company on January 30, 1967 after completing 22½ years of service. RUTH KELLEY, of High Reliability and Metallized Paper Assembly,

Alex Ferris Named Resistor Sales Mgr.

Alex G. Ferris has been named as Manager of Resistor Sales in Nashua it was announced recently. Mr. Ferris joined the Sprague Electric Company in June 1962 as a Marketing and Applications Engineer. In November, 1962, he transferred to the field as the East Coast Product Specialist operating out of the Camden, New Jersey office. He was promoted to Eastern Regional Resistor Product Manager in April, 1966 and in November he returned to Nashua to assume his new position.

Mr. Ferris is a native of Lowell, Massachusetts, but moved to Nashua shortly thereafter. He is a graduate of Nashua High School and received a bachelor of arts degree from Tufts University in 1954. He later attended Lowell Technological Institute for two years.

Mr. Ferris is married to the former Armig Jeknavorian of Lowell and they have a three year old son.

Joseph W. Frederick Sales Engineer In Washington Office



Joseph W. Frederick has joined the Sprague Electric Company as a Semiconductor Sales Engineer, it was announced recently by Albert B. Dall, Marketing Manager of the Company's Semiconductor Division which has its headquarters in Worcester, Massachusetts.

Mr. Frederick will make his headquarters at the Washington office of the Sprague Electric Company and will be responsible for Sales Engineering and Technical assistance to original equipment manufacturers and Government agencies in the District of Columbia, Maryland, Virginia, North Carolina and South Carolina.

Mr. Frederick was formerly with the Molecular Electronics Division of Westinghouse Electric Corporation in Elkridge, Maryland, in various Engineering and Marketing posts. He is a graduate of the University of South Carolina with the Degree of Bachelor of Science in Mechanical Engineering.

retired on February 24, 1967 after 11 years with the Company.

JEANNE DUFRESNE, Metal Clad Stockroom, retired on February 25, 1967 after 36 years of service to the Sprague Electric Company.

Plymouth Service Award Dinner Honors Employees With 15, 10 and 5 Years Service



Martin J. Daigneault (left), Tantalum Plant Manager for Concord, Plymouth and Sanford, was presented his 15 year Service Award by Ernest L. Ward, President. Norman McWilliams, Plymouth IR Manager, served as MC for the evening.

L. Moreau Moves To Sanford Plant



Lawrence E. Moreau, formerly Materials Manager at the Brown Street Plant, has transferred to the Sanford Plant as Branch Plant Materials Manager. Deane Brown has assumed responsibility for Brown Street Purchasing, and James O'Neil has taken over Mr. Brown's former duties at Beaver Street. R. H. James Hewat has joined Sprague Electric as Assistant Materials Manager at Beaver Street. Announcement of the changes was made by Philip Alton, Director of Purchasing.

A native of North Adams, Mr. Moreau is a graduate of Drury High School and Bentley College of Accounting and Finance, Boston. Long active in community affairs, Mr. Moreau was elected to the City Council in November 1965. He also served as president of the Confraternity of Christian Doctrine of Holy Family Parish, Vice President of the Holy Family League of the Sacred Heart, and Lay Chairman of the Catholic Charities Appeal (for six years).

Mr. Moreau is a member of the National Management Association and the Bentley College Alumni Association. At Sprague Electric Company he was a member of the first Value Engineering Group in 1964 and has also completed Company sponsored courses in the Elements and the Theory of Capacitors.

Following World War II Mr. Moreau spent 18 months with the U. S. Occupation Forces in Germany.

Mr. Moreau is married to the former Lorraine Rivers and the couple has two children.

In November a Service Award Dinner honoring Plymouth employees with five, ten, and fifteen years of service was held at the Elk's Lodge in nearby Holderness.

Ernest L. Ward, President, assisted by General Manager Robert L. Parrish presented the only fifteen-year pin to Martin J. Daigneault, Factory Manager for Tantalum at Concord, Plymouth, and Sanford.

The two ten-year recipients were Gordon E. Kent, Q.A.R., Department Head at Plymouth, and Gene Lambert, Plymouth Time Study.

Sixty-six Plymouth employees were honored for their five years of service. In his remarks, Mr. Ward extended the Company's sincere thanks for a job well done, and stressed the fact that as a Company is people, it is in the main the long service employees who determine its success or failure. He said he hoped they would all still be here to receive ten-year pins five years from now.

Norman B. McWilliams, Industrial Relations Manager, served as Master of Ceremonies for the evening.

Martin Receives Suggestion Check



James Martin (left), of the Beaver Street Metallizing Department, received a \$300 Suggestion check from his Foreman, Arthur Mollieur. His idea for an improvement in his department will be reviewed in six months for a possible additional award.

Hidden Danger - Aerosol Cans

by Anthony Sacco,
Corporate Safety Supervisor

Paints, cleaners, hair sprays, insecticides, shaving soap, whipped cream and many other items are being packaged in spray cans today.

The National Safety Council suggests that the following precautions be observed in handling aerosol cans:

1. Read the label and use the contents exactly as directed.
2. Don't throw empty aerosol containers in the fire or incinerator. Although seemingly empty, the cans still contain some gas which, when heated, expands and may cause an explosion.
3. Don't place aerosol cans on stoves or in any hot area, even in the sun. Some aerosol products left in the trunk or on the seat of automobiles have been known to explode when the car was parked in the sun.
4. Don't use flammable sprays around flame sources.
5. Use spray paints, lacquers, insecticides and other toxic products only with good ventilation. If you feel drowsy, dizzy, or nauseated while using spray products, stop work immediately.
6. Before discarding a can, always depress the operating valve until all pressure is relieved.

Electromag

Continued from page 3

while with Solvay; manufacturing of ammonium nitrate with Societe Belge de L'Azote; and the production of glue and gelatins for Belgian tanneries and maroquineries.

Mr. Chielens is multi-lingual, speaking French, Flemish, English and German, and this should serve him in good stead in dealing with customers.

IR Additions

Continued from page 2

graduation he joined the staff of Yale University as a programmer analyst.

A U.S. Air Force veteran, Mr. Reynolds served at MATS headquarters, Washington, D.C. from 1952-1956. He is a member of the Society for the Advancement of Management and the Junior Chamber of Commerce. He is also a member of Delta Mu Delta and Phi Theta Kappa, national honorary scholastic fraternities, and Pi Tau Kappa.

Safety Demonstration in Worcester



N. Paul Leone (left), of Worcester, demonstrates air pack respirator while Stuart Pead, of Plant Engineering Services in North Adams, instructs Maintenance Department members in use of safety equipment.

E. Geissler Named Marketing Mgr., SCD



Edward C. Geissler, Jr. has been named Marketing Manager for the Special Components Division. The announcement was made recently by Carroll G. Killen, Vice President, Industrial and Military Sales.

Mr. Geissler has been connected with Sprague Electric in various engineering and marketing capacities since 1958. He previously served as Project Coordinator with the Hazeltine Electronics Corporation of Little Neck, New York.

Mr. Geissler is a graduate of Rensselaer Polytechnic Institute from which he received the Degree of Bachelor of Management Engineering and the Degree of Master of Electrical Engineering.

Mr. Geissler is married to the former Margaret A. Brown of Douglaston, New York. Mr. & Mrs. Geissler and their two daughters make their home in Williamstown.

Masters Degree

James J. Casuscelli, of Purchasing, completed the requirements for the Master of Business Administration degree from the University of Massachusetts in January 1967, through the Sprague sponsorship program.

Mr. Casuscelli joined the Sprague Electric Company in January 1963 as Assistant Materials Manager of Purchasing where he is presently employed as a Purchasing Analyst. Prior to joining Sprague Electric, he was employed as a Credit Reporter for Dunn and Bradstreet.

A U. S. Army veteran, Mr. Casuscelli is a native of North Adams and received his degree in Economics from the University of Massachusetts.

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Nashua Summer Employee, Barbara McKuskie Featured In January Issue of Seventeen

Barbara McKuskie, a Nashua summer employee in 1966 and niece of Andrew McKuskie, a Nashua Group Leader, and Donelda McKuskie, a Technician, was a model for the January issue of Seventeen magazine. She was one of 17 teenagers chosen to personify the nation's most accomplished teens.

Bobbi, as she is known to her friends, is in her second year at Boston College School of Nursing. Her plans for the future include a master's degree in child psychology and work with disturbed children. In addition to being a serious student, Bobbi is a talented baton twirler. She has received a total of 115 baton twirling awards since she was eight years old.

Describing her three-day trip to Seventeen headquarters in New York City Bobbi said: "It was fabulous. From the time we arrived, to the time we left, we were treated like royalty."

"We spent the first day at the Seventeen building... and that place is just unbelievable. It's just absolutely beautiful. We dressed in the outfits we were to model and left for Central Park where we were supposed to be photographed. It started to rain soon after we got there, so we returned to Seventeen headquarters, but not before seeing a bit of the famous park."

"Back at Seventeen we posed and modeled for hours. We didn't dare to sit down for fear of getting a wrinkle in our clothes. And this was for just one picture. Can you imagine what the professional models go through when they appear in seven or eight different outfits in just one magazine."

"We met some of the teen models that day. Those girls are so interesting, and so beautiful. They look just like their pictures... not a blemish on them... perfect teeth, beautiful eyes, beautiful hair. It's unbelievable, but it's true! Some are going to school in between assignments, others are trying to break into show business, and others are just happy to be what they are, top models. They are great girls and I'm glad that I had this opportunity to meet and talk with them."

"The last evening we were there, we went to see Ethel Merman in 'Annie Get Your Gun'. I know now



Photo courtesy of Seventeen

why they call her the greatest thing on Broadway. She is!

"It was a wonderful three days, and I loved every minute of it. I was especially glad that I had this opportunity to be a part of this fascinating world, because now I am really sure I did the right thing when I turned down the offer made me for a motion picture test. The professional world is a great one to visit, and I would like to go back perhaps once a year, but that's all. I wouldn't want to live there."

We wish Bobbi all the luck in the world in her chosen career - and we're sure she'll have it.

Worcester News

Continued from page 6

WELCOME

A warm welcome to Charles Clifford Roe, recently resettled in Holden with his family from England after appointment by John D. Husher as Manager, Process Department. His arrival rounds out Mr. Husher's managerial staff. Other members are Jerry G. Bouchard, Engineering; Larry J. Pollock, Manufacturing; Russell F. Floyd, Mechanization; Victor K. Mitrison, Technical Services.